The Portrait of a Graduate articulates our shared vision for all Oxford students as a result of their educational experiences in Oxford Community Schools. We considered the career aspirations our students may have and included the skills and habits of mind they will need to be successful in an ever-evolving, global society.
Interactive Table of Contents

OCS Developmental Kindergarten and Kindergarten
OCS First Grade
OCS Second Grade
OCS Third Grade
OCS Fourth Grade
OCS Fifth Grade
  OMS Sixth Grade
  OMS Seventh Grade
  OMS Eighth Grade
  Oxford High School
  Oxford Bridges High School
  Oxford Crossroads Day School
  Oxford Virtual Academy
Graduation Alliance
Oxford Community Schools COVID-19 Remote/Distance Learning

All traditional seated courses are eligible to be delivered as virtual courses, or a combination thereof, for the 2020-2021 school year following the guidelines provided within the Michigan Department of Education Pupil Accounting Manual. District and School administration shall coordinate and monitor the implementation for virtual learning and the adherence to state pupil accounting requirements including student accessibility to virtual learning, attendance, and participation in lessons and assessments.
SUZUKI STRINGS

The kindergarten students have the opportunity to receive Suzuki strings (violin, cello, or guitar) instruction. This course is offered to students outside of the school day (before or after school). Participants must pay the semi-annual fee. In addition, the instruments are available to students for rent or purchase.

“SPECIALS”

PHYSICAL EDUCATION 30M X 2 DAYS/WK

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

MUSIC 30M PER WEEK

The program is focused developing an appreciation and understanding of music.

ART 60M BIWEEKLY

The art curriculum emphasizes imagination and personal experiences.

WORLD LANGUAGE 30M/DAY

The curriculum emphasizes authentic language learning combined with cultural experiences. Each elementary school offers daily instruction in Mandarin or Spanish:
CL/OES/DA = Mandarin
LKV/LEO = Spanish

For more information about Oxford Schools’ curriculum, including virtual course options available to all students, please visit our district website at: www.oxfordschools.org.
Using the Common Core Standards to guide instruction, Kindergarten mathematics emphasizes the balance between use of concrete manipulatives with computation skills. Both components are necessary, as concrete materials allow students to explore and develop ideas fundamental to the study of mathematics.

UNITS OF STUDY
• Measurement
• Geometry
• Number Sense
• Estimation
• Whole Number Operations

Kindergarten science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.

UNITS OF STUDY
• My Personal History
• Where I live
• My Responsibilities

The Kindergarten social studies curriculum focuses on the world in which each child lives. Students will begin to develop a sense of time, understand relationships to their environment, identify resources and services around them, and discover that rules and others influence decisions.

UNITS OF STUDY
• My Personal History
• Where I live
• My Responsibilities

Utilizing the Common Core Standards, our K-5 Language Arts program has been divided into three components.

UNITS OF STUDY
• Reading: Read Aloud; Shared Reading; Reading Workshop
• Writing: Shared Writing; Interactive Writing; Writing Workshop
• Word Work: High Frequency Word Work; Developmental Word Work

MATH
90 Minutes/Day- 5 Days/Week

SCIENCE
150 Minutes/Week

LANGUAGE ARTS
150 Minutes/Day - 5 Days/Week

SOCIAL STUDIES
150 Minutes/Week
**SUZUKI STRINGS**

The first grade students have the opportunity to receive Suzuki strings (violin, cello, or guitar) instruction. This course is offered to students outside of the school day (before or after school). Participants must pay the semi-annual fee. In addition, the instruments are available to students for rent or purchase.

**“SPECIALS”**

**PHYSICAL EDUCATION 30M X 2 DAYS/WK.**

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

**MUSIC 30M PER WEEK**

The program is focused developing an appreciation and understanding of music.

**ART 60M BIWEEKLY**

The art curriculum emphasizes imagination and personal experiences.

**WORLD LANGUAGE 30M/DAY**

The curriculum emphasizes authentic language learning combined with cultural experiences. Students receive daily language instruction in one language, either Spanish or Mandarin.

DA/OES/CL = Mandarin

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**INTERNATIONAL BACCALAUREATE**

**Primary Years Programme**

Our goal is to nurture a balanced learner who is well equipped with not only knowledge, but the skills and confidence necessary to succeed in our rapidly changing world. To achieve this goal, the PYP programme embeds five key essential elements into the curriculum:

- Knowledge
- Skills
- Concepts
- Attitudes
- Action

For more information about the PYP programme, visit www.ibo.org.

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**CURRICULUM GUIDE**

**INFORMATION FOR PARENTS**

This guide is intended as a brief overview. For more information about Oxford Schools' curriculum, including virtual course options available to all students, please visit our district website at: www.oxfordschools.org.
MATH
90 Minutes/Day - 5 Days/Week

Using the Common Core Standards to guide instruction, our first grade mathematics emphasizes the use of manipulatives and concrete materials for students to explore and develop ideas fundamental to the study of mathematics in the following areas: fractions and decimals, whole number computation and operations, number sense and numeration, geometry and spatial sense, statistics and probability, patterns and relationships, and measurement.

UNITS OF STUDY
- Exploration
- Measurement
- Patterns and Relationships
- Statistics and Probability
- Geometry and Spatial Sense
- Number Sense and Numeration
- Concepts of Whole Number Operations
- Whole Number Computation
- Fractions and Decimals

SCIENCE
150 Minutes/Week

First grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional emphasis includes discovery and inquiry-based learning, reading, experimental design, and reflective writing.

SOCIAL STUDIES
150 Minutes/Week

The first grade social studies curriculum includes the study of family life, school life, and others. Students study aspects of history, geography, civics and economics as they relate to their broadening world.

UNITS OF STUDY
- Our history - home and school
- Where we live and go to school
- Our responsibilities at home and school
- Occupations around us

LANGUAGE ARTS
150 Minutes/Day - 5 Days/Week

Utilizing the Common Core Standards, our K-5 Language Arts program has been divided into three components.

UNITS OF STUDY
- Reading: Read Aloud; Shared Reading; Reading Workshop
- Writing: Shared Writing; Interactive Writing; Writing Workshop
- Word Work: High Frequency Word Work; Developmental Word Work
SUZUKI STRINGS

The second grade students have the opportunity to receive Suzuki strings (violin, cello, or guitar) instruction. This course is offered to students outside of the school day (before or after school). Participants must pay the semi-annual fee. In addition, the instruments are available to students for rent or purchase.

“SPECIALS”

PHYSICAL EDUCATION 30M X 2 DAYS/WK

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

MUSIC 30M PER WEEK

The program is focused developing an appreciation and understanding of music.

ART 60M BIWEEKLY

The art curriculum emphasizes imagination and personal experiences.

WORLD LANGUAGE 30M/DAY

The curriculum emphasizes authentic language learning combined with cultural experiences. Each elementary school offers daily language instruction in one language, either Spanish or Mandarin.

CL/OES/DA = Mandarin
LKV/LEO = Spanish

INTERNATIONAL BACCALAUREATE PRIMARY YEARS PROGRAMME

Our goal is to nurture a balanced learner who is well equipped with not only knowledge, but the skills and confidence necessary to succeed in our rapidly changing world. To achieve this goal, the PYP programme embeds five key essential elements into the curriculum:

• Knowledge
• Skills
• Concepts
• Attitudes
• Action

For more information about the PYP programme, visit www.ibo.org.

For more information about Oxford Schools’ curriculum, including virtual course options available to all students, please visit our district website at: www.oxfordschools.org.
Utilizing the Common Core Standards, our K-5 Language Arts program has been divided into three components.

**UNITS OF STUDY**

- Reading: Read Aloud; Shared Reading; Reading Workshop
- Writing: Shared Writing; Interactive Writing; Writing Workshop
- Word Work: High Frequency Word Work; Developmental Word Work

The second grade social studies curriculum includes the study communities, with an emphasis on the community in which the student lives.

**UNITS OF STUDY**

- History and the Oxford Community
- Geography and the Oxford Community
- Government and the Oxford Community
- Economics and the Oxford Community

Using the Common Core Standards to guide instruction, second grade mathematics emphasizes the balance between use of concrete manipulatives with computation skills. Both components are necessary, as concrete materials allow students to explore and develop ideas fundamental to the study of mathematics. Fact memorization, computation, and using paper and pencil are also critical at this level.

**UNITS OF STUDY**

- Exploration
- Statistics
- Whole Number Operations and Computations
- Patterns
- Number Sense and Numeration
- Measurement
- Geometry
- Graphing

Second grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.

**MATH**

90 Minutes/Day - 5 Days/Week

**SCIENCE**

150 Minutes/Week

**SOCIAL STUDIES**

150 Minutes/Week
SUZUKI STRINGS

The third grade students have the opportunity to receive Suzuki strings (violin, cello, or guitar) instruction. This course is offered to students outside of the school day (before or after school). Participants must pay the semi-annual fee. In addition, the instruments are available to students for rent or purchase.

“SPECIALS”

PHYSICAL EDUCATION 30M X 2 DAYS/WK

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

MUSIC 30M PER WEEK

The program is focused developing an appreciation and understanding of music.

ART 60M BIWEEKLY

The art curriculum emphasizes imagination and personal experiences.

WORLD LANGUAGE 30M/DAY

The curriculum emphasizes authentic language learning combined with cultural experiences. Each elementary school offers daily language instruction in one language, either Spanish or Mandarin.

CL/DA/OES = Mandarin
LKV/LEO = Spanish

For more information about the PYP programme, visit www.ibo.org.
Utilizing the Common Core Standards, our K-5 Language Arts program has been divided into three components.

**UNITS OF STUDY**
- Reading: Read Aloud; Shared Reading; Reading Workshop
- Writing: Shared Writing; Interactive Writing; Writing Workshop
- Word Work: High Frequency Word Work; Developmental Word Work

Using the Common Core Standards to guide instruction, third grade mathematics will help the students make sense of the world. They will draw logical conclusions using mathematics to explain their thinking. Manipulatives and pictorial models will play an important role.

**UNITS OF STUDY**
- Graphs
- Place Value
- Estimating and Rounding
- Addition and Subtraction
- Time
- Multiplication & Division
- Geometry
- Fractions

Third Grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.

**UNITS OF STUDY**
- Michigan’s Economic Growth
- Natural Resources
- Purpose of Government
- Branches of Government (Local & State)
- Public Issues in Michigan
- Geography of Early Michigan

**SOCIAL STUDIES**
150 Minutes/Week

The third grade social studies curriculum includes the study of Michigan from the glacial period up to statehood in 1837.

**UNITS OF STUDY**
- Michigan’s Economic Growth
- Natural Resources
- Purpose of Government
- Branches of Government (Local & State)
- Public Issues in Michigan
- Geography of Early Michigan

**LANGUAGE ARTS**
150 Minutes/Day - 5 Days/Week

**SOCIAL STUDIES**
150 Minutes/Week

**MATH**
90 Minutes/Day - 4 Days/Week

**SCIENCE**
150 Minutes/Week
**PhySical EduCation 30 Min. x 2 Days/Wk.**

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

**Music 30 Min. Per Week**

The program is focused developing an appreciation and understanding of music.

**ArT 60 Min. BiWeekly**

The art curriculum emphasizes imagination and personal experiences.

**World Language 30 Min./Day**

The curriculum emphasizes authentic language learning combined with cultural experiences. Each elementary school offers daily instruction in one language, either Spanish or Chinese instruction.

DA/OES/CL = Mandarin
LKV/LEO = Spanish

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**ORCHESTRA**

The fourth grade students have the opportunity to receive orchestra instruction. This course is offered to students outside of the school day (before school). Participants must attend the class at Lakeville Elementary (1st year) or OMS (2nd year). The instruments are available to students for rent or purchase.

**“SPECIALS”**

- **Physical Education**
- **Music**
- **Art**
- **World Language**

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**International Baccalaureate Primary Years Programme**

Our goal is to nurture a balanced learner who is well equipped with not only knowledge, but the skills and confidence necessary to succeed in our rapidly changing world. To achieve this goal, the PYP programme embeds five key essential elements into the curriculum:

- Knowledge
- Skills
- Concepts
- Attitudes
- Action

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For more information about the PYP programme, visit www.ibo.org.

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Creating a world-class education today to shape tomorrow’s selfless, global leaders.

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This guide is intended as a brief overview. For more information about Oxford Schools’ curriculum, including virtual course options available to all students, please visit our district website at: www.oxfordschools.org.
Using the Common Core Standards to guide instruction, fourth grade mathematics will help the students make sense of the world. They will draw logical conclusions using mathematics to explain their thinking. Manipulatives and pictorial models will play an important role.

**UNITS OF STUDY**

- Problem Solving
- Math Connections
- Reasoning
- Communication
- Estimation
- Patterns & Relationships
- Statistics & Probability
- Whole Number & Mental Computation
- Whole Number Operations
- Measurement
- Number Sense
- Fractions & Decimals

Fourth grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.

**UNITS OF STUDY**

- Foundations in Social Studies
- The U.S. in Spatial Terms (Regions)
- Human Geography in the U.S.
- Exploring Economics
- Our Federal Government
- Rights & Responsibilities of Citizenship

**LANGUAGE ARTS**

150 Minutes/Day - 5 Days/Week

Utilizing the Common Core Standards and the Units of Study program, our K-5 Language Arts program has been divided into three components.

**UNITS OF STUDY**

- Reading: Read Aloud; Shared Reading; Reading Workshop
- Writing: Shared Writing; Interactive Writing; Writing Workshop
- Word Work: High Frequency Word Work; Developmental Word Work

**SOCIAL STUDIES**

150 Minutes/Week

The fourth grade social studies curriculum introduces students to history, geography, economy, and government of Michigan from statehood to present.

**UNITS OF STUDY**

- Foundations in Social Studies
- The U.S. in Spatial Terms (Regions)
- Human Geography in the U.S.
- Exploring Economics
- Our Federal Government
- Rights & Responsibilities of Citizenship

**MATH**

90 Minutes/Day - 5 Days/Week

**SCIENCE**

150 Minutes/Week

Fourth grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.
**SPECIALS**

**PHYSICAL EDUCATION 30MIN. X 2 DAYS/WK**

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

**MUSIC 30 MIN. PER WEEK**

The program is focused developing an appreciation and understanding of music.

**ART 60 MIN. BIWEEKLY**

The art curriculum emphasizes imagination and personal experiences.

**WORLD LANGUAGE 30MIN./DAY**

The curriculum emphasizes authentic language learning combined with cultural experiences. Each elementary school offers daily instruction in one language, either Spanish or Mandarin. DA/CL/OES = Mandarin
LKV/LEO = Spanish

**ORCHESTRA**

The fifth grade students have the opportunity to receive orchestra instruction. This course is offered to students outside of the school day (before school). Participants must attend the class at Lakeville Elementary (1st year) or OMS (2nd year). The instruments are available to students for rent or purchase.

**INTERNATIONAL BACCALAUREATE PRIMARY YEARS PROGRAMME**

Our goal is to nurture a balanced learner who is well equipped with not only knowledge, but the skills and confidence necessary to succeed in our rapidly changing world. To achieve this goal, the PYP programme embeds five key essential elements into the curriculum:

- Knowledge
- Skills
- Concepts
- Attitudes
- Action

For more information about the PYP programme, visit [www.ibo.org](http://www.ibo.org).

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10 N. Washington Street, Oxford, 48371
248.969.5000
[www.oxfordschools.org](http://www.oxfordschools.org)
Utilizing the Common Core Standards, our K-5 Language Arts program has been divided into three components.

UNITS OF STUDY
• Reading: Read Aloud; Shared Reading; Reading Workshop
• Writing: Shared Writing; Interactive Writing; Writing Workshop
• Word Work: High Frequency Word Work; Developmental Word Work

Using the Common Core Standards to guide instruction, fifth grade mathematics help students expand their computational skills. Practicing various problem solving strategies will help students to solve word problems. Using manipulatives and calculators, students will explore and understand new concepts.

UNITS OF STUDY
• Numbers & Number Relationships
• Number Systems & Number Theory
• Computation & Estimation
• Algebra
• Statistics & Probability
• Geometry
• Measurement
• Fractions & Decimals
• Problem Solving

Fifth Grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.

UNITS OF STUDY
• Native Americans
• Explorers
• American Colonization
• American Revolution
• The Government Forms

LANGUAGE ARTS
150 Minutes/Day - 5 Days/Week

SOCIAL STUDIES
150 Minutes/Week

The fifth grade social studies curriculum includes the study of the evolution of basic democratic values.

SCIENCE
150 Minutes/Week
Oxford Middle School
Curriculum Guide 2020-2021
Sixth Grade

The Middle School schedule consists of 7 academic class periods in a semester. All students are also assigned to a 25 minute advisory period. Sixth grade students are required to take 5 periods of required courses. Students also have 2 periods of electives based on whether the student is a music student or not.

Required Courses: Math, Science, Language Arts, Geography, and a World Language

<table>
<thead>
<tr>
<th>Music Students</th>
<th>Non-Music Students</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Choose between Band, Choir, or Orchestra</strong></td>
<td><strong>Must take:</strong></td>
</tr>
<tr>
<td>Music students may choose a second music class but he/she will split time equally between the two classes.</td>
<td>✷ Physical Education – year-long</td>
</tr>
<tr>
<td>And must take:</td>
<td>✷ PLTW I – one semester</td>
</tr>
<tr>
<td>✷ PLTW I – one semester</td>
<td>✷ Intro to Fine Arts – one semester</td>
</tr>
</tbody>
</table>

Remediation in reading and math may be recommended for students who would benefit from these classes based on standardized test scores and screeners in Reading and Math.

**CORE COURSES**

**Advisory – 6**
Oxford Middle School integrates Advisory into the daily fabric of learning which consists of a coordinated set of activities intended to build the whole learner. These activities are rooted in the rich tradition of Oxford Community Schools: Communication and Problem Solving, Diversity and Global Awareness, IB/MYP Objectives, School Improvement Based Goals, Team Building and Individual Development. It is during this time we focus on the Oiweus Bully Prevention Program and welcome OHS Bully Busters and WEB Leaders to the classrooms, participate in academic discussions about our progress with 1:1 conferences with our Advisory teacher, learn about current events, enjoy staff vs. student competitions, and show our school spirit by competing for Wildcat Points. Our vision is that we are Better Everyday…and it is during Advisory that we decide what we want to BE and create goals to BE it!

**English Language Arts - 6**
The sixth grade English language arts curriculum expands the development of literacy through each of the language arts. In reading, students use context as a basis for predicting meaning of unfamiliar words, further develop strategies for reading narrative and informational text, and use evidence to support their inferences and conclusions while reading. In writing, students continue to refine their use of the writing process and compose readable drafts using appropriate spelling conventions and grammar. Through the use of claim, evidence and reasoning students develop structures to compose writing for a variety of purposes. Through the use of a variety of literature and other text sixth graders explore various topics in the units of study.

**Direct Instruction Language Arts – 6**
The sixth grade English language arts curriculum expands the development of literacy through each of the language arts. In reading, students use context as a basis for predicting meaning of unfamiliar words, further develop strategies for reading narrative and informational text, and use evidence to support their inferences and conclusions while reading. In writing, students continue to refine their use of the writing process and compose readable drafts using appropriate spelling conventions and grammar. Through the use of claim, evidence and reasoning students develop structures to compose writing for a variety of purposes. Through the use of a variety of literature and other text sixth graders explore various topics in the units of study. **Students with special needs may be placed in this class for specialized instruction based on the recommendation from the IEP team. Students will access the general education curriculum with modifications based on their needs as stated in their IEP.**

**Accelerated Mathematics – 6**
Students test to place into Accelerated Mathematics. The placement test score, the math screener score and M-Step scores will determine placement in this class. This class is an accelerated version of the 6th and 7th grade math curriculum. The course focuses on Pre-Algebraic concepts and problem solving. The course is rigorous and intense and is meant for the accelerated math learner. **Successful completion prepares students to enter Algebra I in 7th grade and Geometry in 8th grade, which will satisfy State of Michigan MME requirements for Algebra and Geometry. High School credit will be awarded for Algebra and Geometry if the student earns a 78%. A student’s grade for Algebra and Geometry will be recorded on high school transcript but will not be counted for High School GPA.**
Students will use a variety of resources and skills to investigate the concepts of energy, the earth's changing surface, structure and history of the interior of the earth, and ecology including man's impact on the environment. Students will be aware of mathematical skills needed for various life skills and be familiar with technology in the workplace today. Students who take this class will be prepared to take the 7th grade Math curriculum the following year and either Pre-Algebra or Algebra I in eighth grade.

**OR**

**Direct Instruction Math – 6**

Students will demonstrate various math skills involving problem solving, critical thinking, number sense, and communication according to the standards as adopted by the State and the Oxford District Math Frameworks Curriculum. Sixth grade students will be able to work cooperatively in whole groups and small groups as well as individually, using mathematics in authentic ways. Students will be aware of mathematical skills needed for various life skills and be familiar with technology in the workplace today. Students who take this class will be prepared to take the 7th grade Math curriculum the following year and either Pre-Algebra or Algebra I in eighth grade. **Students with special needs may be placed in this class for specialized instruction based on the recommendation from the IEP team. Students will access the general education curriculum with modifications based on their needs as stated in their IEP.**

**Science - 6**

This course explores topics in each of the three science disciplines: life, earth, and physical science. Using the theme of changes in energy, students will use a variety of resources and skills to investigate the concepts of energy and matter, the earth’s changing surface, structure and history of the interior of the earth, and ecology including man’s impact on the environment. Instructional emphasis includes inquiry, basic laboratory skills, informational reading, and reflective writing.

**Geography - 6**

Our sixth grade World Geography curriculum establishes the foundations of social studies. In doing so, students deepen their understanding of the disciplines of history, geography, economics, government and culture. Using geographic themes, students are introduced to the physical and human geography of the world. Students use geographic inquiry and analysis to answer questions of global significance. Students examine the world using both primary sources and secondary sources such as informational text, online atlases, online activities, and reliable websites. Students will conduct research, create visual and oral presentations, collaborate with peers, and engage in a variety of classroom activities.

**World Language Chinese**

**Chinese 1-A (Prerequisite: elementary Chinese)**

This year-long class is the first half of the Chinese 1 curriculum. It is an introduction to the language and culture of the Chinese speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Chinese for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Chinese culture directly affects their lives in many ways. **1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.**

**OR**

**Introduction to Chinese (Prerequisite: None)**

This year-long class is an introduction to the language and culture for students new to Chinese class.

**World Language Spanish**

**Spanish 1-A (Prerequisite: elementary Spanish)**

This year-long class is the first half of the Spanish 1 curriculum. It is an introduction to the language and culture of the Spanish speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Spanish culture directly affects their lives in many ways. **1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.**

**OR**

**Introduction to Spanish (Prerequisite: None)**

This year-long class is an introduction to the language and culture for students new to Spanish class.
ELECTIVE COURSES

Project Lead the Way I – 6  
**One Semester**

This course is a pre-engineering course which uses solid modeling (a very sophisticated mathematical technique for representing solid objects - CADD using Inventor) to introduce students to the design process. Utilizing this design approach, students understand how solid modeling has influenced their lives. Students also learn sketching techniques, and use descriptive geometry as a component of design, measurement, and computer modeling. This is the introductory course to the Project Lead The Way (PLTW) technology courses which can be continued throughout high school.

Physical Education - 6  
**One Semester or Year-Long**

This course is designed to be a participation class in which the students work to improve their basic level of skill, learn to follow the rules of the activities, and demonstrate their level of fitness. The skills and rules are presented in a manner to allow some success in each of the activities. Fitness activities try to combine cardiovascular and strength training in ways that can be fun for students. Class activities may include but are not limited to physical fitness, flag football, soccer (indoor and outdoor), badminton, whiffle ball, archery, volleyball, softball, and bowling. The Presidential physical fitness test is administered as a measure of overall fitness.

Introduction to Fine Arts - 6  
**One Semester**

This course is divided into two 9 week segments. Students split their time between Art and Theater for 9 weeks each. The focus of this course is the development of a strong base of productions skills and vocabulary of the arts. In Art, students will have an opportunity to experience a variety of media which may include drawing, painting, sculpture and ceramics. Connections will be made regarding various artist and art styles of different time periods. In Theater, students study basic theater terminology, movement, improvisation, and storytelling. The classes combine for a culminating lesson on theatrical storytelling through theater masks. Students in this class will perform a short scene for an audience of their peers.

Band - 6 (Prerequisite – Band Director Approval)  
**Year-Long**

6th Grade band is for students who have had at least one year of experience in 5th grade. Students will continue their music education where they left off in 5th grade. The course will further the students understanding of basic fundamentals of tone production and note reading. Elements of music are taught through exercises of increasing difficulty which present challenging and interesting problems for students to master through individual practice and class rehearsal. This is a year-long class. There are at least two concerts per year.

Beginning Band - 6  
**Year-Long**

Beginning band is for students who have no musical experience previously. Students and parents will be assisted in all matters pertaining to instrument procurement and materials for class. All students in these classes have been or will be tested to determine which instrument they will play. Instruments will be assigned primarily according to the abilities of the student and then the needs of the band program. This course will cover the basic fundamentals of tone production and note reading. Elements of music are introduced through exercises of increasing difficulty which present challenging and interesting problems for students to master through individual practice and class rehearsal. This is a year-long class. There are two concerts per year.

Choir - 6  
**Year-Long**

6th Grade Celebration Choir is an introduction to the study of choral music and choral techniques. This class empowers students to develop musicianship and to participate in authentic musical activity. Each student will develop skills in reading music, demonstrating appropriate rehearsal conduct, performing with correct posture, and creating a relaxed choral tone. Every student will be expected to rehearse and perform. Enrollment in this course requires participant in concerts outside the school day. The overall aim of music performance is to achieve self-growth and enjoyment by educating musicianship that will serve the whole person.

Concert Orchestra - 6 (Prerequisite – Orchestra Director Approval)  
**Year-Long**

Concert orchestra is for advanced students interested in furthering their knowledge and skills on their stringed instrument. In this class, students will continue to develop and refine their musical skills such as tone production, music reading, and accuracy of pitch through the playing of orchestra literature. Students are encouraged to perform on an individual basis and participate in small or large ensembles. Students should anticipate possible after-school practices and evening performances. Out of school concerts are also part of the class requirements. Previous participation in orchestra and an audition/meeting with the conductor is required. Ownership or rental of an instrument is required for class participation and students will be required to purchase a Method book.
Beginning Orchestra - 6
Beginning Orchestra is for students who have played a string instrument for one year or less and are interested in developing their knowledge and skills on a stringed instrument. Students in 6th-Grade beginning orchestra will develop playing skills, learn note and rhythm reading, learn scales, understand and use musical language correctly, and develop performance skills. Out of school concerts are also part of the class requirements. Ownership or rental of an instrument is required for class participation and students will be required to purchase a Method book.

Content Reading – 6
A student will be selected for this class by OMS counselors through a careful review of a student's academic progress. Recent research and assessment analysis has indicated the need to continue reading instruction through the middle school years and the research indicates that reading instruction falls into three broad categories: Tier I instruction for students who are at or above grade level; Tier II instruction, which provides students who are a year or two below grade level with additional supplemental instruction; and Tier III instruction for students who are significantly below grade level by more than two years. This class will focus on Tier II strategies to assist the student who is reading a year or two below grade level.

Math Lab - 6
A student will be selected for this class by OMS counselors through a careful review of a student’s academic progress and testing in math. Students selected for this class will receive additional instruction in math to strengthen their understanding of math concepts and skills. Students will be re-taught current and previous math concepts to address individual learning needs and deficiencies to prepare students for success in algebra I in 8th or 9th grade. In addition, students enrolled in this class will have more success in their current math class when needs and deficiencies are addressed in the student’s math education. It is not a homework completion class!

Enrichment – 6
Enrichment class is an elective class for students who have an individual education plan (IEP). Students may be placed in this class based on the recommendation from an IEP team. Enrichment class will foster the use of study skills and organizational strategies to help students be more successful in all of their classes. Enrichment class also provides students with the opportunity for small group instruction, extended time for assignments and assessments when applicable, and the re-teaching of concepts taught in general education classes. In addition, students enrolled in enrichment will work to make progress on their individual IEP goals.

Life Skills
Life Skills class is an elective class for students who have an individual education plan (IEP). This course is designed to meet the individual needs of each student. Topics will be determined based on the individual's IEP. This class is a combination of academic skills and daily living skills. Activities of focus will include: cooking, getting around the community and community signs, self-care and hygiene, developing healthy habits, manners, and general knowledge that will enhance independent living.

Social Skills/Enrichment
Social Skills class is an elective class for students who have an individual education plan (IEP). This course is designed to meet the individual needs of each student. Topics will be determined based on the individual's IEP. Activities of focus will include: manners, appropriate conversations with specific audiences, building and maintaining relationships, and academic independence based on individual student level.

On-Line Learning for Seated Students
Students eligible for this option may enroll in up to two (2) online courses in place of their seated courses. For a complete listing of online classes available to Oxford students visit: https://drive.google.com/file/d/15_LMispcKh30v4ar2W6znW9Ek5_VX9D5/view. The deadline to submit a request is March 8, 2019 for the 2019-20 school year, and requires pre-approval by the Principal. Contact your child’s counselor if you are interested. You may contact the Middle School Counselors if you have any questions -

Heather Thick – (A-F) 248-969-1813 or heather.thick@oxfordschools.org
Jeremy LaValley – (G-M) 248-969-1815 or jeremy.lavalley@oxfordschools.org
Chris Gill – (N-Z) 248-969-1811 or chris.gill@oxfordschools.org
The Middle School schedule consists of 7 academic periods in a semester. All students are also assigned to a 25 minute advisory period. Seventh grade students are required to take 5 periods of required courses. English/Language Arts, Math, Geography, Science and a World Language are each 1 period. Students also have 2 periods of electives in their schedule.

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<tr>
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<td>Physical Education  Art  Theatre</td>
</tr>
<tr>
<td>Must take:</td>
<td>*Students may not be enrolled in their first choice. Requests are filled as best as possible.</td>
</tr>
<tr>
<td>PLTW III - one semester</td>
<td>Must take:</td>
</tr>
<tr>
<td>Physical Education/Health - one semester</td>
<td>PLTW II – one semester</td>
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<td>Remediation in reading and math may be recommended for students who would benefit from these classes based on standardized test scores and screeners in Reading and Math.</td>
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**CORE COURSES**

**Advisory - 7**  
Oxford Middle School integrates Advisory into the daily fabric of learning which consists of a coordinated set of activities intended to build the whole learner. These activities are rooted in the rich tradition of Oxford Community Schools: Communication and Problem Solving, Diversity and Global Awareness, IB/MYP Objectives, School Improvement Based Goals, Team Building and Individual Development. It is during this time we focus on the Olweus Bully Prevention Program and welcome OHS Bully Busters and WEB Leaders to the classrooms, participate in academic discussions about our progress with 1:1 conferences with our Advisory teacher, learn about current events, enjoy staff vs. student competitions, and show our school spirit by competing for Wildcat Points. Our vision is that we are Better Everyday…and it is during Advisory that we decide what we want to BE and create goals to BE it!

**English Language Arts - 7**  
The seventh grade English Language Arts curriculum gives students an important foundation in reading and writing narrative, informational, and argument texts. As students analyze and produce these three types of text, they become more advanced readers, thinkers, and writers. By reading and writing they come to understand the distinctions between narrative, informational and argument texts by studying fiction and nonfiction in a variety of formats, while developing a more thorough understanding of audience and purpose. Using a reader/writer’s notebook for each unit, encourages students to be independent, engaged, and empowered learners by participating in activities that promote close reading, idea generation, drafting, and revision.

**OR**

**Direct Instruction Language Arts – 7**  
The seventh grade English Language Arts curriculum gives students an important foundation in reading and writing narrative, informational, and argument texts. As students analyze and produce these three types of text, they become more advanced readers, thinkers, and writers. By reading and writing they come to understand the distinctions between narrative, informational and argument texts by studying fiction and nonfiction in a variety of formats, while developing a more thorough understanding of audience and purpose. Using a reader/writer’s notebook for each unit, encourages students to be independent, engaged, and empowered learners by participating in activities that promote close reading, idea generation, drafting, and revision. **Students with special needs may be placed in this class for specialized instruction based on the recommendation from the IEP team. Students will access the general education curriculum with modifications based on their needs as stated in their IEP.**

**Geography - 7**  
Seventh grade students will review the tools and mental constructs used by historians and geographers. They will develop an understanding of Ancient World History (Eras 1-3) of the Eastern Hemisphere. Students will study how the ingredients of a society (religion, government, social classes, writing, architecture, inventions, cities and job specialization) affected: early human societies, the ancient river-based civilizations, and classical civilizations that developed around the Mediterranean Sea.
Algebra 1 - 7 (Prerequisite: Accelerated Math in 6th grade)  
Year-Long  
Algebra I is the student’s first course in higher level abstract mathematics. Much of the time will be spent connecting these abstractions to real-life problems. The focus of the course is learning the “rules” of algebra. Time is spent working with expressions, equations, inequalities, and functions (linear, quadratic, and exponential). Students reason about number systems, number sequences, representations and relationships. Of particular importance is the graphing of functions, enhanced by graphing calculator use.  
Successful completion prepares students to enter Geometry in 8th grade, which will satisfy State of Michigan MME requirements for Algebra and Geometry. High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

OR

Accelerated Math – 7  
Year Long  
Accelerated Math 7 is designed to help students recognize and appreciate the role math plays in the real world. It also shows students the connections between different areas of mathematics, algebra, geometry, data analysis, patterns, and functions. This course provides a broad yet solid foundation in both algebra and geometry that helps students move from elementary math to high school math. Students are placed in this course based on teacher recommendation as well as a placement assessment.

OR

Math - 7  
Year-Long  
Math 7 is a full year course required of 7th grade students. Students will be placed based on teacher recommendation as well as a placement assessment. Math 7 is designed to help students recognize and appreciate the role math plays in the real world. It also shows students the connections between different areas of mathematics, algebra, geometry, data analysis, patterns, and functions. This course provides a broad yet solid foundation in both algebra and geometry that helps students move from elementary math to high school math.

OR

Direct Instruction Math – 7  
Year-Long  
Mathematics is designed to help students recognize and appreciate the role math plays in the real world. It also shows students the connections between different areas of mathematics, algebra, geometry, patterns and functions. This course provides a broad yet solid foundation for pre-algebra and beginning geometry that helps students move from elementary math to high school math. Students with special needs may be placed in this class for specialized instruction based on the recommendation from the IEP team. Students will access the general education curriculum with modifications based on their needs as stated in their IEP.

Science - 7  
Year-Long  
7th grade science is a course in which students will explore a variety of topics associated with all three disciplines of science including life, physical and earth. Topics include: cells, cell division and photosynthesis, density, chemical properties of matter, physical properties of matter, energy effects, and solar energy. Students will use a variety of resources and techniques to investigate these concepts. Instructional emphasis includes experimental design, laboratory skills, technical reading and reflective writing, and the global impacts of science technology.

World Language Chinese

Chinese 1-B (Prerequisite: Chinese 1-A)  
Year-Long  
This class is for students who have completed Chinese 1-A during the previous year. This class completes the first year introduction to the language and culture of the Chinese speaking world. Essentially, this year-long class is the second half of Chinese I. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Chinese for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Chinese culture directly affects their lives in many ways. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

OR

Chinese 1-A  
Year-Long  
7th grade students who are new to the school and who have not had a world language before and 7th grade students who did not successfully pass Chinese 1-A during their 6th grade year will be placed in Chinese 1-A again. This year-long class is the first half of the Chinese 1 curriculum. It is an introduction to the language and culture of the Chinese speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Chinese for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Chinese culture directly affects their lives in many ways. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.
World Language Spanish

Spanish 1-B (Prerequisite: Spanish 1-A) Year-Long
This class is for students who have completed Spanish 1-A during the previous year. This class completes the first year introduction to the language and culture of the Spanish speaking world. Essentially, this year-long class is the second half of Spanish 1. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Hispanic culture directly affects their lives in many ways. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

OR

Spanish 1-A Year-Long
7th grade students who are new to the school and who have not had a world language before and 7th grade students who did not successfully pass Spanish 1-A during their 6th grade year will be placed in Spanish 1-A again. This year-long class is the first half of the Spanish 1 curriculum. It is an introduction to the language and culture of the Spanish speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Spanish culture directly affects their lives in many ways. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

ELECTIVE COURSES

Physical Education – 7 (Required for Non-Music Students) One Semester
This course is designed to develop the basic skills and knowledge necessary to participate in various team and individual activities. The skills and rules are taught in a progressive manner so the students will be able to achieve some success in each of the activities. These activities include but are not limited to physical fitness, flag football, soccer (indoor and outdoor), basketball, floor hockey, volleyball, tumbling, wrestling, field hockey, softball, jogging, bowling, and lead up games. Through participation in these activities, students will demonstrate appropriate behaviors of sportsmanship while interacting with others during play. The Presidential physical fitness test will be administered to every student. Through these tests, each student will demonstrate minimal levels of muscular strength, flexibility, and endurance. Each student will also be required to demonstrate minimal levels of cardiovascular endurance. Emphasis will be placed on lifelong fitness, stressing the importance of leading an active, healthy lifestyle.

Health/Physical Education – 7 (Required) One Semester
This course examines the essential concepts of health and explores ways of protecting and promoting health and wellness. Refusal skills and positive pressure tactics will be practiced in order to encourage students to avoid the dangers of making choices that are harmful to their well being. Students will understand the effect of exercise on lifestyle, stress, and benefits on overall health. Students will learn about utilizing good nutritional habits in combination with physical fitness strategies. The course will investigate issues associated with physical, social, emotional and mental health. By practicing effective verbal and non-verbal communication to enhance health, students will identify ways to communicate care, consideration, and respect for others. Key concepts in this unit include, recognizing their own habits, how to avoid unsafe behaviors, and using decision-making models to improve the quality of their decisions.

Project Lead the Way II - 7 (Required) One Semester
Students trace the history and development of automation and robotics. They learn about structures, energy transfer, machine automation, and computer control systems. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in engineering. This cutting-edge program addresses the interest and energy of middle school students, while incorporating national standards in mathematics, science, and technology. This class is “activity oriented” to show students how technology is used in engineering to solve everyday problems.

Band - 7 Year-Long
This year-long course is designed for students who have completed at least one year of study on a band instrument. Students are expected to be performing at grade level on their instruments. They should be striving to maintain excellent team-oriented discipline. Elements of music are approached through challenging, interesting, and enriching activities. Solo and group contests provide competitive opportunities for students to receive constructive criticism from adjudicators outside the district. There are four concerts per year, plus an adjudicated festival performance.
The overall aim of music education will include: cooking, getting around the community, and community signs, self-care and hygiene, developing healthy habits, manners, and general knowledge that will enhance independent living.

**Orchestra - 7**
Orchestra is for students interested in furthering their knowledge and skills on their stringed instrument. In this class, students will continue to develop and refine their musical skills such as tone production, music reading, and accuracy of pitch through the playing of orchestra literature. Students are encouraged to perform on an individual basis and participate in small or large ensembles. Students should anticipate possible after-school practices and evening performances. Out of school concerts and contest trips are also part of the class requirements. Students participate in three concerts that include participation in the MSBOA orchestra festival. Students may also elect to participate in the MSBOA solo and ensemble festival. Previous participation in orchestra and an audition/meeting with the conductor is required. Ownership or rental of an instrument is required for class participation and students will be required to purchase a Method book.

**Math - 7**
A student will be selected for this class by OMS Counselors through a careful review of a student's academic progress. Recent research and assessment analysis has indicated the need to continue reading instruction through the middle school years and the research indicates that reading instruction falls into three broad categories: Tier I instruction for students who are at or above grade level; Tier II instruction, which provides students who are a year or two below grade level with additional supplemental instruction; and Tier III instruction for students who are significantly below grade level by more than two years. This class will focus on Tier II strategies to assist the student who is reading a year or two below grade level.

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A student will be selected for this class by OMS counselors through a careful review of a student’s academic progress and testing in math. Students selected for this class will receive additional instruction in math to strengthen their understanding of math concepts and skills. Students will be re-taught current and previous math concepts to address individual learning needs and deficiencies to prepare students for success in algebra I in 8th or 9th grade. In addition, students enrolled in this class will have more success in their current math class when needs and deficiencies are addressed in the student’s math education. It is not a homework completion class.

**Life Skills**
Life Skills class is an elective class for students who have an individual education plan (IEP). This course is designed to meet the individual needs of each student. Topics will be determined based on the individual’s IEP. This class is a combination of academic skills and daily living skills. Activities of focus will include: cooking, getting around the community and community signs, self-care and hygiene, developing healthy habits, manners, and general knowledge that will enhance independent living.
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You may contact the Middle School Counselors if you have any questions –
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Jeremy LaValley – (G-M) 248-969-1815 or jeremy.lavalley@oxfordschools.org
Chris Gill – (N-Z) 248-969-1811 or chris.gill@oxfordschools.org
The Middle School schedule consists of 7 academic periods in a semester. All students are also assigned to a 25 minute advisory period. Eighth grade students are required to take 5 periods of required courses: English Language Arts, Mathematics, American History, Science and World Language. Students also have 2 periods of electives in their schedule based on whether the student is a music student or not.

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<td>PLTW III or Intro to Computer Programming</td>
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<td><em>Students may not be enrolled in their first choice. Requests are filled as best as possible.</em></td>
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<tr>
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</tr>
<tr>
<td>Physical Education - one semester</td>
<td>Physical Education - year-long</td>
</tr>
<tr>
<td><strong>May substitute:</strong></td>
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</tr>
<tr>
<td>Newspaper or Yearbook for PLTW and P.E. and Intro to Computer Programming</td>
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**CORE COURSES**

**Advisory - 8**
Oxford Middle School integrates Advisory into the daily fabric of learning which consists of a coordinated set of activities intended to build the whole learner. These activities are rooted in the rich tradition of Oxford Community Schools: Communication and Problem Solving, Diversity and Global Awareness, IB/MYP Objectives, School Improvement Based Goals, Team Building and Individual Development. It is during this time we focus on the Olweus Bully Prevention Program and welcome OHS Bully Busters and WEB Leaders to the classrooms, participate in academic discussions about our progress with 1:1 conferences with our Advisory teacher, learn about current events, enjoy staff vs. student competitions, and show our school spirit by competing for Wildcat Points. Our vision is that we are Better Everyday… and it is during Advisory that we decide what we want to BE and create goals to BE it!

**Geometry - 8 (Prerequisite: successful completion of Algebra I)**
This course examines the relationships and properties of lines, surfaces and polygons. In addition, students learn to logically organize persuasive arguments through the study and development of proofs. Topics include parallel lines, congruent and similar triangles, transformations, polygons and their properties, area, 3 dimensional figures with their volumes and surface area, circles and their properties and coordinate geometry. **Successful completion prepares students to enter Algebra II in 9th grade, which will satisfy State of Michigan MME requirements for Algebra and Geometry. High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.**

**OR**

**Algebra 1 - 8 (Prerequisite: successful completion of Accelerated Math 7)**
Algebra I is the student’s first course in higher level abstract mathematics. Much of the time will be spent connecting these abstractions to real-life problems. The focus of the course is learning the “rules” of algebra. Time is spent working with expressions, equations, inequalities, and functions (linear, quadratic, and exponential). Students reason about number systems, number sense, representations and relationships. Of particular importance is the graphing of functions, enhanced by graphing calculator use. **Successful completion prepares students to enter Geometry in 9th grade, which will satisfy State of Michigan MME requirements for Algebra and Geometry. High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.**

**OR**
Math - 8  
Math 8 is designed to provide practice in the fundamentals of solving problems arithmetically, graphically and algebraically. Basic concepts in algebra are reviewed early and practiced throughout the year. Students will reinforce arithmetic operations of real numbers through a variety of instructional techniques. Topics include algebraic equation solving, geometric transformation, angle relationships, linear relationships, systems of equations, functions, the Pythagorean Theorem, two-variable statistics and exponents. **This class is a transition to 9th grade Algebra I.**

OR

Direct Instruction Math – 8  
Pre-Algebra 8 is designed to provide practice in the fundamentals of solving problems arithmetically, graphically and algebraically. Basic concepts in algebra are reviewed early and practiced throughout the year. Students will reinforce arithmetic operations of real numbers through a variety of instructional techniques. Topics include number manipulation, integers, algebra expressions and equations, graphs, transformations, Pythagorean Theorem, and two-variable statistics. **This class is a transition to 9th grade Algebra I. Students with special needs may be placed in this class for specialized instruction based on the recommendation from the IEP team. Students will access the general education curriculum with modifications based on their needs as stated in their IEP.**

American History - 8  
In American History, the students will gain an understanding of the early development of the United States from the ratification of the Constitution to the beginning of the twentieth century. Students will be provided with a balanced examination of the history of the United States. Geography, economics and civics will be included in the historical units of this course. Through the study of the emergence of the Constitution and the development of American Institutions, students will develop a commitment to the democratic values of our national heritage. Students will complete the study of American History from the early 20th Century to the present in their high school courses.

English Language Arts – 9 (ELA-9)  
ELA-9 placement will be based on performance data (ELA 7, FAST assessments, & 6th grade M-Step). Eligible students will be contacted.

This course will follow the curriculum for English 9 at Oxford High School. In this course, students will analyze elements of literary genres, including short story, drama, autobiography, and poetry. The literature selections are organized into thematic units, which explore such topics as human nature, life stories, and heroic journeys. In addition, students work with basic essay structure and concepts related to expository writing, and they compose several formal writing pieces. Spelling, vocabulary, and grammar are regular components of the class. **High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.**

OR

English Language Arts - 8  
The eighth grade English language arts curriculum expands the development of literacy through each of the language arts. In reading, students use context as a basis for predicting meaning of unfamiliar words, they self-correct using knowledge of language structure, and they use sound-symbol relationships. In writing, students continue to refine their use of the writing process and compose readable drafts using appropriate spelling conventions and grammar. Through the use of classic and contemporary literature and other text referring to our common teenage culture, eighth graders explore a variety of topics in the units of study.

OR

Direct Instruction Language Arts – 8  
The eighth grade English language arts curriculum expands the development of literacy through each of the language arts. In reading, students use context as a basis for predicting meaning of unfamiliar words, they self-correct using knowledge of language structure, and they use sound-symbol relationships. In writing, students continue to refine their use of the writing process and compose readable drafts using appropriate spelling conventions and grammar. Through the use of classic and contemporary literature and other text referring to our common teenage culture, eighth graders explore a variety of topics in the units of study. **Students with special needs may be placed in this class for specialized instruction based on the recommendation from the IEP team. Students will access the general education curriculum with modifications based on their needs as stated in their IEP.**

Earth Science - 8  
Earth science is a full year required course that explores a variety of topics including Earth’s structure, hydrogeology, oceanography, climate and weather, astronomy, and geologic time. The focus of this course is to develop science processing skills and communication in science.

World Language Spanish

Spanish 2-B (Prerequisite: Spanish 1-A, 1-B, 2-A or placement test)  
Students will be placed into this course based on their STAMP test (world language proficiency test) administered in 7th grade and teacher recommendation. This class provides students with the second year of their study of the language and culture of the Spanish speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. **1/2 High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.**
Spanish 2-A (Prerequisite: Spanish 1-A, 1-B or placement test) Year-Long
Students will be placed into this course based on their STAMP test (world language proficiency test) administered in 7th grade and teacher recommendation. This class provides students the first half of their second year of study of the language and culture of the Spanish speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

Spanish 1-B (Prerequisite: Spanish 1-A or placement test) Year-Long
8th grade students who did not successfully pass Spanish 1-B during their 7th grade year will be placed in Spanish 1-B again. This class completes the first year introduction to the language and culture of the Spanish speaking world. Essentially, this year-long class is the second half of Spanish 1. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Hispanic culture directly affects their lives in many ways. One High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

Spanish 1 (8th Grade only) Year-Long
This class is for students who have not had either a Chinese or Spanish foreign language class or who have not gained middle school credit in either Spanish 1-A or 1-B. Spanish I provides an introduction to the language and culture of the Spanish-speaking world. Essentially, this year-long class is a traditionally paced Spanish I class. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Spanish for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Hispanic culture directly affects their lives in many ways. One High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

World Language Chinese

Chinese 2-B (Prerequisite: Chinese 1-A, 1-B, 2-A or placement test) Year-Long
Chinese 2-B provides students with their second year of study of the language and culture of the Chinese speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Chinese for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. 1/2 High School credit will be awarded if the student earns a 78%. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

Chinese 2-A (Prerequisite: Chinese 1-A, 1-B or placement test) Year-Long
Chinese 2-A provides students the first half of their second year of study of the language and culture of the Chinese speaking world. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Chinese for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.

Chinese 1-B (Prerequisite: Chinese 1-A or placement test) Year-Long
8th grade students who did not successfully pass Chinese 1-B during their 7th grade year will be placed in Chinese 1-B again. This class completes the first year introduction to the language and culture of the Chinese speaking world. Essentially, this year-long class is the second half of Chinese 1. Each student will work on attaining an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing. Students will be encouraged to use Chinese for communication and self-expression. Students will be able to hear and practice the language, be paired with others learning to speak the language, and interact with the teacher, as well as listen to native speakers. From the start, students realize that the Chinese culture directly affects their lives in many ways. 1/2 High School credit will be awarded if the student earns a 78% for a year-long grade. Student’s grade will be recorded on high school transcript but will not be counted for High School GPA.
## ELECTIVE COURSES

**Choir - 8**  
*Year-Long*  
The Oxford Middle School Festival Choir is a performance based class for students who like to sing. Students will learn more about the correct way to sing through a variety of quality music literature, including pieces in foreign languages. They will sing music in different styles and genres, including jazz, blues, swing, show tunes, and folk songs. The Festival Choir performs four concerts during the year. In addition, students have the opportunity to participate in many other musical activities such as Solo and Ensemble Festival, Choral Festival and performing at community events. This class will help all students enjoy singing and maximize their potential. The overall aim of music performance is to achieve self-growth and enjoyment by educating musicianship that will serve the whole person.

**Band - 8**  
*Year-Long*  
This year-long course is designed for students who have completed at least two years of study on a band instrument. Students are expected to be performing at grade level on their instruments. They should be striving to maintain excellent team-oriented discipline. Elements of music are approached through challenging, interesting, and enriching activities. Solo and group contests provide constructive opportunities for students to receive constructive criticism from adjudicators outside the district. There are four concerts per year, plus an adjudicated festival performance.

**Orchestra - 8**  
*Year-Long*  
8th grade orchestra is for students interested in furthering their knowledge and skills on their stringed instrument. In this class, students will continue to develop and refine their musical skills such as tone production, music reading, and accuracy of pitch through the playing of orchestra literature. Students are encouraged to perform on an individual basis and participate in small or large ensembles. Students should anticipate possible after-school practices and evening performances. Out of school concerts and contest trips are also part of the class requirements. Students participate in three concerts that include participation in the MSBOA orchestra festival. Students may also elect to participate in the MSBOA solo and ensemble festival. Previous participation in orchestra and an audition/meeting with the conductor is required. Ownership or rental of an instrument is required for class participation and students will be required to purchase a Method book.

**Physical Education - 8**  
*Year-Long*  
This course is designed to continue developing the skills and knowledge necessary to participate in various team and individual activities. Emphasis will be placed on lifetime fitness and recreational activities that promote lifelong participation in those selected activities. These activities include but are not limited to physical fitness, flag football, dance, basketball, volleyball, floor hockey, softball, badminton, aerobic activities, track and field, kickball, walking/jogging and jump roping. Through participation in these activities, students will demonstrate appropriate behaviors of sportsmanship and knowledge of game rules while interacting with others. The Presidential physical fitness test will be administered to every student. Through these tests, each student will demonstrate minimal levels of muscular strength, flexibility and endurance. Each student will also be required to demonstrate minimal levels of cardiovascular endurance. Emphasis will be placed on lifelong fitness, stressing the importance of leading an active, healthy lifestyle.

**Newspaper: Writing for Publications - 8**  
*(Prerequisite: Submission of Publications Application for Approval)*  
*Year-Long*  
This year long course is for students who are interested in writing and photojournalism for the publication of the school newspaper. Students will learn the basics of the newspaper publications process including: layout, editing, photography, interviewing, research and newspaper style of writing. Those who wish to take this course must be striving to maintain excellent average writing skills, work independently, and a commitment to growth and enjoyment by educating musicianship that will serve the whole person.

**Yearbook: Writing for Publications - 8**  
*(Prerequisite: Submission of Publications Application for Approval)*  
*Year-Long*  
This year long course will cover the basics of yearbook including copywriting, photography, and page design. Other topics to be covered include theme development, content and coverage. In this course, students supervise picture taking, design the lay-out of each page, and write copy. Members of this course task to publish the Oxford Middle School Yearbook and are responsible for providing the student body with an accurate representation of the year's events. In order to take this course, students must have above-average writing skills, work independently, and a commitment to enroll for both semesters. Interested candidates must receive a recommendation from their current Language Arts teacher and submit the publications application for approval. Students may not take both the Yearbook and Newspaper course.

**Project Lead The Way III - 8 (required)**  
*One Semester*  
The purpose of this course is to introduce the student to the science involved in technological design and development. Students will explore scientific concepts and related them to how they are used in design and other technological processes. Using the prototyping and fabrication processes, students will create models and documentation that represent solutions to problems. Students will also learn about the mechanics of motion, the conversion of energy, and the use of science & technology to improve communication.
Intro to Computer Programming - 8 (may be taken in lieu of PLTW III)  One Semester
Computer science is a growing priority in classrooms around the globe. In this semester-long course, Students will learn basic coding skills by using a block-based coding platform that gives students the opportunity to code their own interactive games, stories, and more. Students will also expand their knowledge of coding by exploring a variety of coding methods. The course will look at a variety of computer science topics such as digital footprint, programming, physical computing, HTML/CSS, and data. Students are empowered to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

Art - 8  One Semester
The focus of this 20 week course is the familiarization of the elements and principals of design as they relate to both 2 and 3 dimensional art forms created by the students. Students will have an opportunity to experience a variety of media which may include drawing, painting, sculpture and ceramics. At the same time, they will be engaged in the development of a more sophisticated art vocabulary as well as more advanced production activities. Connections will be made regarding various artists and art styles of various time periods, as well as applications to their daily life.

Ceramics - 8  One Semester
This class is designed for the focused student who loves to work in clay. Students will learn about many techniques of handbuilding and decoration. Principles of design and study of art history will inspire student artworks. Assignments will include functional and sculptural objects, with an emphasis on the color, form, texture, and design of the created objects.

Theatre - 8  One Semester
This course is the third year of theater offered at the middle school level. Students taking this class will study 6 units including: Genre, Leading Theatrical Exercises, Character, Interpreting a Script, Adaptation and Production. Performances in this class are of a polished nature, some of which will be in front of an audience outside of their classroom peers. This class also requires students to attend a performance outside the classroom and write an evaluation on it. Students will have the entire semester to do this.

Content Reading - 8  One Semester or Year-Long
A student will be selected for this class by OMS counselors through a careful review of a student's academic progress. Recent research and assessment analysis has indicated the need to continue reading instruction through the middle school years and the research indicates that reading instruction falls into three broad categories: Tier I instruction for students who are at or above grade level; Tier II instruction, which provides students who are a year or two below grade level with additional supplemental instruction; and Tier III instruction for students who are significantly below grade level by more than two years. This class will focus on Tier II strategies to assist the student who is reading a year or two below grade level.

Math Lab - 8  One Semester or Year-Long
A student will be selected for this class by OMS counselors through a careful review of a student’s academic progress and testing in math. Students selected for this class will receive additional instruction in math to strengthen their understanding of math concepts and skills. Students will be re-taught current and previous math concepts to address individual learning needs and deficiencies to prepare students for success in algebra I in 8th or 9th grade. In addition, students enrolled in this class will have more success in their current math class when needs and deficiencies are addressed in the student’s math education. It is not a homework completion class!

Academic Intervention - 8  One Semester/Year-Long
A student will be selected for this class by OMS counselors through a careful review of a student's academic progress. Academic Intervention offers whole, small group or individualized instruction that supplements the general curriculum of core and elective courses. Student support services include organizational strategies, study skills and communication skills.

Enrichment – 8  Year-Long
Enrichment class is an elective class for students who have an individual education plan (IEP). Students may be placed in this class based on the recommendation from an IEP team. Enrichment class will foster the use of study skills and organizational strategies to help students be more successful in all of their classes. Enrichment class also provides students with the opportunity for small group instruction, extended time for assignments and assessments when applicable, and the re-teaching of concepts taught in general education classes. In addition, students enrolled in enrichment will work to make progress on their individual IEP goals.

Life Skills  Year-Long
Life Skills class is an elective class for students who have an individual education plan (IEP). This course is designed to meet the individual needs of each student. Topics will be determined based on the individual’s IEP. This class is a combination of academic skills and daily living skills. Activities of focus will include: cooking, getting around the community and community signs, self-care and hygiene, developing healthy habits, manners, and general knowledge that will enhance independent living.
Social Skills/Enrichment

Year-Long

Social Skills class is an elective class for students who have an individual education plan (IEP). This course is designed to meet the individual needs of each student. Topics will be determined based on the individual’s IEP. Activities of focus will include: manners, appropriate conversations with specific audiences, building and maintaining relationships, and academic independence based on individual student level.

On-Line Learning for Seated Students

Students eligible for this option may enroll in up to two (2) online courses in place of their seated courses. For a complete listing of online classes available to Oxford students visit: https://drive.google.com/file/d/15_LMispcKh30v4ar2W6znW9Ek5_VX9D5/view. The deadline to submit a request is March 22, 2019 for the 2019-20 school year, and requires pre-approval by the Principal. Contact your child’s counselor if you are interested.

You may contact the Middle School Counselors if you have any questions –

Heather Thick – (A-F) 248-969-1813 or heather.thick@oxfordschools.org
Jeremy LaValley – (G-M) 248-969-1815 or jeremy.lavalley@oxfordschools.org
Chris Gill – (N-Z) 248-969-1811 or chris.gill@oxfordschools.org
Welcome to Oxford High School

Dear Students and Parents,

This Oxford High School Course Catalog contains the information you will need to plan and select courses for next school year, and assists in the development of long range strategies for completing the required courses and earning the credits necessary for graduation. Please study the contents carefully so that you can make an informed decision regarding course selections.

The course offerings, and the descriptions included here, are proposed for next year. The number and type of courses actually offered will depend, in part, upon the demand expressed through your course requests, and available staff. It is important that you give serious thought to your planning and selections; please refer to the pages containing general information as well. It’s also important that both our students and parents spend time having a conversation about the level of rigor within their schedule that is most appropriate to challenge themselves. Critical factors that should be included in these conversations are both the time and commitment with athletics, clubs and extra-curricular interests. Balancing all the above is not a place that students will perfect. However, we feel a great deal of consideration should be placed on improving how our students balance their busy schedules and lives.

Oxford High School operates on a rotating seven period schedule. This ensures students being afforded the benefit of International Baccalaureate subject areas, the opportunity to fit in all of the graduation requirements of the Michigan Merit Curriculum, as well as the flexibility to select the electives sought in a well-rounded education.

Easy to follow instructions are included with your course selection form. While the counselors and other staff members are prepared to assist in this process, your input is essential to its success. Course offerings and staffing are based on the requests that you make at this time. This means our student course selections drive both our master schedule and teacher assignment. Future requests to change a student’s schedule will be strictly regulated and adjustments will only be approved for extenuating circumstances.

We want to extend a warm welcome to Oxford High School, and look forward to working with you to ensure a successful high school experience.

Sincerely,

Steven K. Wolf
Principal
Oxford High School
High School Administration

Steve Wolf ............................................................................................................................................ Principal
Kristy Gibson-Marshall.................................................................................................................. Assistant Principal/MYP Administrator
Kurt Nuss ........................................................................................................................................... Assistant Principal/IB Diploma Administrator
Jordan Ackerman .......................................................................................................................... Athletic Director/Assistant Principal

COUNSELING DEPARTMENT

Stephanie Brevik ................................................................................................................................. Counselor
Mary Guzik ........................................................................................................................................... Counselor
Ashley Finkley ..................................................................................................................................... Counselor
Shawn Hopkins ................................................................................................................................. Counselor
Mark Suckley ................................................................................................................................. Oxford Schools Early College Counselor

STUDENT SUPPORT PROGRAM COORDINATORS

Lisa Butts .............................................................. Career and Technical Education/Career Focused Education Coordinator
Laura Farwell ................................................................................................................................. Career Navigator
Ryan Moore ........................................................................................................................................ Dean of Students
Pamela Fine ....................................................................................................................................... Restorative Practices Coordinator

INTERNATIONAL BACCALAUREATE PROGRAM COORDINATORS

Molly Darnell ....................................................................................................................................... IB Middle Years Programme Coordinator
Joseph Amabile .................................................................................................................................... IB Middle Years Programme Coordinator
Nicole Barnett ....................................................................................................................................... IB Diploma Programme Coordinator

CENTRAL ADMINISTRATION

Tim Throne ............................................................................................................................................ Superintendent
David Pass ........................................................................................................................................... Assistant Superintendent of Human Resources
Ken Weaver .......................................................................................................................................... Deputy Superintendent of Curriculum and Instruction
Sam Barna ........................................................................................................................................... Assistant Superintendent for Business & Operations
Denise Sweat ......................................................................................................................................... Assistant Superintendent of Student Services
Anita Qonja .......................................................................................................................................... Executive Director of Elementary Instruction

BOARD OF EDUCATION 2020-2021

Mr. Thomas E. Donnelly Jr.
Mr. Dan D’Alessandro
Mr. Korey Bailey
Mr. Erick Foster
Mr. Chad Griffith
Mrs. Mary Hanser
Mrs. Heather Shafer
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**Vision Statement**

To create a world-class education today to shape tomorrow’s leaders.

**Mission Statement**

To provide an education that challenges all students to achieve their maximum potential in academics, arts, and athletics and prepares them to succeed in a global society.

**Portrait of a Graduate**

**BALANCED**

Students will-
- use positive thinking to self-motivate.
- develop resiliency and fortitude when meeting challenges.
- learn to balance their needs with the needs of others through service to the community.
- investigate personal strengths and career interests to set post-secondary goals.
- utilize effective time-management strategies in order to meet deadlines.

**COMMUNICATOR**

Students will:
- communicate information and ideas effectively to intended audiences using a variety of speaking and writing techniques.
- actively listen and effectively communicate to manage conflict and work collaboratively.
- give and receive meaningful feedback through thoughtful communication.

**INQUIRER**

Students will:
- read a variety of sources for information and enjoyment.
- collect and analyze data to identify problems and solutions and make informed decisions.
- use creative thinking to generate new ideas and inquiries.
- seek a range of perspectives from multiple and varied sources.
- use inquiry to generate predictions and hypotheses.

**PRINCIPLED**

Students will:
- take responsibility for their own actions and behaviors.
- make fair and equitable decisions to serve themselves and others.
- use technology responsibly and contribute positively to digital environments.
- understand, respect and implement intellectual property right.
THINKER

Students will:
• ethically obtain and use information from a variety of relevant and appropriate sources and media.
• read critically for comprehension.
• connect conceptual understandings across multiple disciplines
• apply existing knowledge to thoughtfully generate new ideas, products or processes.

REFLECTIVE

Students will:
• process their learning through reflection.
• revise their understanding based on new information and evidence.
• evaluate and learn from their mistakes.
• develop new skills, techniques and strategies for learning through reflection.

KNOWLEDGEABLE

Students will:
• use appropriate strategies for organizing complex information to utilize across a range of disciplines.
• gather, evaluate and organize relevant information to formulate an argument
• seek, interpret, judge and synthesize information and use this knowledge to inform others.
• use critical thinking to analyze and solve problems

CARING

Students will:
• demonstrate empathy through understanding and open-mindedness.
• contribute positively to the lives of others through a commitment to service and community.
• value the rights, privileges and responsibilities associated with citizenship.
• work effectively with peers and help all to succeed

OPEN-MINDED

Students will:
• engage as responsible citizens in a global society.
• develop multiple opposing and complementary arguments that propose a variety of solutions.
• consider ethical, cultural and environmental implications and recognize biases.
• negotiate ideas with peers to build consensus.

RISK-TAKER

Students will:
• demonstrate persistence and perseverance in both familiar and unfamiliar situations.
• apply skills, knowledge and experiences to undertake new situations.
• self-advocate respectfully for individual rights and needs.
• exercise effective leadership practices and undertake a variety of roles within groups.
• create innovative solutions to authentic problems.
International Baccalaureate Programme

In fall 2013, Oxford High School became an International Baccalaureate® World School. The Middle Years Programme (MYP) is a connection for students who have attended one of Oxford's Primary Year's Programmes offered at all of the district's elementary schools. The MYP is not a curriculum, rather, it is a challenging framework and approach to teaching and learning. The MYP is for students in grades 6-10 and encourages our learners to make practical connections between their studies and the real world. Students continue this course work in Grades 9 and 10 at Oxford High School and can elect to be part of Diploma Programme (DP) in 11-12 grade. The International Baccalaureate (IB) is a nonprofit international educational foundation, motivated by its mission, focused on the student. Founded in 1968, they currently work with schools in over 140 countries to develop and offer three challenging programs to students aged 3 to 19 years.

IB Mission Statement
The International Baccalaureate aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.

IB Middle Years Programme (MYP)
Oxford High School offers the IB Middle Years Programme (MYP). The IB Middle Years Programme, for students in grades 6-10, provides a framework of academic challenge that encourages students to embrace and understand the connections between traditional subjects and the real world, and become critical and reflective thinkers.

The MYP consists of eight subject groups integrated through five areas of interaction that provide a framework for learning within and across the subjects. Students are required to study their mother tongue, a second language, humanities, sciences, mathematics, arts, physical education and technology. In the final year of the programme, students also engage in a personal project, which allows them to demonstrate the understandings and skills they have developed throughout the programme. Students begin a Personal Inquiry Project during their Freshman year, culminating in an exhibition during their Sophomore year. Pending Board approval, students are required to complete their Inquiry Project as a graduation requirement. Students will be guided and supported by instructional staff throughout their Freshman and Sophomore year in an Advisory class in order to complete this experience.

For more information, see the International Diploma Programme section of the Course Catalog.
**Graduation Requirements**

**Classes of 2021-2023 Credit Requirements**

Oxford High School is an International Baccalaureate Middle Years Programme school. Ninth and tenth grade students are required to participate in an inquiry-based curriculum in six of the following eight areas: Language and Literature, Individuals & Societies, Mathematics, Sciences, Language Acquisition, Design (CTE), Arts and Physical and Health Education.

Twenty-six (26) credits are required for graduation.

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>0.5</td>
</tr>
<tr>
<td>Health Education</td>
<td>0.5</td>
</tr>
<tr>
<td>Language and Literature (Language Arts)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Individuals and Societies (Social Studies)</td>
<td>3</td>
</tr>
<tr>
<td>Technology</td>
<td>0.5</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>Language Acquisition (World Language - 2 Years while in HS)</td>
<td>2</td>
</tr>
<tr>
<td>Remaining Electives</td>
<td>7.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>

**Physical Education:** ½ Credit

**Health Education:** ½ Credit

**Language & Literature: 4 Credits**
- Language Arts 9 (1 credit)
- Language Arts 10 (1 credit)
- Language Arts 11 (1 credit)
- Language Arts 12 (1 credit)

**Mathematics: 4 Credits**
- Algebra I (1 credit)
- Geometry (1 credit)
- Algebra II (1 credit)
- 1 Math related Credit during Senior Year

**Science: 3 Credits**

- Biology (1 credit), Chemistry (1 credit) and Physics (1 credit)
- OR
- Biology (1 credit), Chemistry (1 credit), Physical Science P (½ credit) and Science Elective (½ credit)
- OR
- Biology (1 credit), Physical Science C (½ credit) Physics (1 credit) Science Elective (½ credit)

*See the CTE exchange chart

**Individuals & Societies: 3 Credits**

- US History & Geography (1 credit)
- Economics (½ credit)
- US Civics (½ credit)
- World History & Geography (1 credit)

**Technology Experience: ½ Credit**

**Visual/Performing Arts: 1 Credit**

**Language Acquisition: 2 Credits**

- Must be a continuation of the student’s Middle School World Language, and at least 2 credits must be taken at the High School while in grades 9 and 10.

*See the CTE exchange chart
Classes 2024 and Future Credit Requirements

Oxford High School is an International Baccalaureate Middle Years Programme school. Ninth and tenth grade students are required to participate in an inquiry-based curriculum in six of the following eight areas: Language and Literature, Individuals & Societies, Mathematics, Sciences, Language Acquisition, Design (CTE), Arts and Physical and Health Education.

Twenty-six (26) credits are required for graduation

<table>
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<td>Individuals and Societies (Social Studies)</td>
<td>3</td>
</tr>
<tr>
<td>Technology</td>
<td>0.5</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>Language Acquisition (World Language) - 2 Years while in HS</td>
<td>2</td>
</tr>
<tr>
<td>Remaining Electives</td>
<td>7.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>

### Physical Education: ½ Credit

### Health Education: ½ Credit

### Language & Literature: 4 Credits
- Language Arts 9 (1 credit)
- Language Arts 10 (1 credit)
- Language Arts 11 (1 credit)
- Language Arts 12 (1 credit)

### Mathematics: 4 Credits
- Algebra I (1 credit)
- Geometry (1 credit)
- Algebra II (1 credit)
- 1 Math related Credit during Senior Year

### Science: 3 Credits
- Biology (1 credit), Chemistry (1 credit) and Physics (1 credit)
  *See page 17 for CTE exchange credit

### Individuals & Societies: 3 Credits
- US History & Geography (1 credit)
- Economics (½ credit)
- US Civics (½ credit)
- World History & Geography (1 credit)

#### Technology Experience: ½ Credit

#### Visual/Performing Arts: 1 Credit

#### Language Acquisition: 2 Credits
- Must be a continuation of the student’s Middle School World Language, and at least 2 credits must be taken at the High School while in grades 9 and 10.
  *See the CTE exchange chart*
Educational Development Plans (EDP)

Each student shall develop an Educational Development Plan (EDP) during the 7th grade and is required to review his/her educational development plan during grade 8 and revise it as appropriate each year thereafter. The educational development requirement will begin with the graduating class of 2020. An educational development plan shall be developed, reviewed, and revised by the student under the supervision of the student's school counselor or another designee qualified to act in a counseling role selected by the school Principal and shall be based on high school readiness scores and a career pathways program or similar career exploration program. An educational development plan shall be designed to assist students to identify career development goals as they relate to academic requirements. During the process of developing and reviewing a student’s educational development plan, the student shall be advised that many of the curricular requirements may be fulfilled through career and technical education. The plan must be based on a career exploration program or curriculum and high school readiness scores, to assist the student identifying career development goals as they relate to academic requirements. In addition, the plan should include work-based learning experiences for the student where appropriate and participation in a career curriculum as developed by the district/school.

At a minimum an Educational Development Plan will consist of the following components:

A. two (2) student identified goals - one long-term goal and one short-term goal
B. a four (4) year plan for high school course plan or a modified course plan based on enrollment date
C. a Talent Portfolio - updated resume, accomplishments, experiences, and certifications that encapsulate the student's high school experience
D. two (2) student identified Career Clusters or Pathways
E. a post-secondary plan for after high school graduation (i.e. military, four-year university, apprenticeship, certification program, etc.).

The career and technical education credits may include work-based learning by a student working at a business or other work setting with appropriate oversight by the District over the student’s experience and learning in the work setting in which the work-based learning occurs.

Commencement exercises will include only those students who have successfully completed requirements as certified by the high school principal. No student who has completed the requirements for graduation shall be denied a diploma as a disciplinary measure. A student may be denied participation in the ceremony of graduation, however, when personal conduct so warrants.

Personal Inquiry Project (PIP)

Pending Board approval, this experience will begin in a Freshman advisory class setting for graduating students of the class of 2024. This is a component of the IB Middle Years Programme for post-high school preparation. Students self-select an area of interest and develop a responsible action while developing skills needed in the 21st century world. Students determine their own goals for the project and polish their inquiry (research) skills. This process allows students to develop deeper understandings through in-depth investigation and demonstrate the skills, attitudes and knowledge required to complete a project over an extended period of time. Past projects have included: Organizing a Free Girls Golf Clinic, Teaching yourself the art of Drawing and Gouache Painting, Exploring Sexism and Gender Stereotyping in Today’s Society, The Research and Surgical Removal of an Astrocytoma (brain tumor), The Positive Effects of Mindfulness Meditation, and Writing a Book.
Additional Graduation Information

Courses that fulfill senior year math credit/experience
In addition to traditional math courses, the following non-traditional math courses have been approved to meet the Math experience required in senior year. Course descriptions can be found in the Course Guide Book.

- AP Chemistry
- AP Computer Science A
- AP Biology
- AP Physics
- Astronomy*
- Automotive Technology I, II, or III
- Biology
- Chemistry
- Computer Int. Manufacturing
- Computer Science Principles
- Computer Programming & Gaming
- Computerized Accounting
- Financial Management I & II*
- Forensics I & II*
- IB Biology
- IB Physics
- Introduction to Engineering Design
- Medical Foundations
- Patient Care Technician (PCT)
- Physics
- Principles of Engineering
- Mechatronics I
- Mechatronics II
- Astronomy*

*Math elective credit can also be obtained through Oakland School Technical Campus Programs.

Course that fulfill the MMC, Visual, Performing Arts, & Applied Technology Experience
(Please note the Oxford High School graduation requirement is different, please see your counselor for more information.)

- Acting*
- Advanced Acting*
- Advanced Drawing & Painting*
- Advanced Stagecraft*
- Advanced Studio*
- AP Computer Science A
- AP Music Theory
- Automotive Technology I
- Automotive Technology II
- Automotive Technology III
- Broadcast News
- Business Management*
- Business Strategies*
- Caritas
- Ceramics & Sculpture I & II*
- Concert Band
- Concert Choir
- Concert Orchestra
- Computer Int. Manufacturing
- Computer Prog & Gaming
- Computer Science Principles
- Computerized Accounting
- Chamber Orchestra
- Design Concepts*
- Design in Materials*
- Digital Imaging Technologies
- Drawing I & II*
- Exploring Music*
- Fibers and Metals*
- Financial Management I & 2*
- Guitar I & II*
- IB Music SL
- IB Visual Art SL
- Introduction to Piano*
- Introduction to Engineering Desi
- Jazz Bank
- Marching Band*
- Marketing Concepts
- Mechatronics/Robotics Engineeri
- Mechatronics/Robotics Engineeri
- Medical Foundations
- Men’s Choir
- Music Theory and Composition*
- Patient Care Technician (PCT)
- Piano A & B
- Principles of Engineering
- Radio, TV & Film I
- Radio, TV & Film II
- Research Marketing
- Retail Marketing
- Speech I & Speech 2*
- Stagecraft*
- Symphonic Band
- Symphony Orchestra
- Vocal Expressions
- Vocal Techniques
- Wind Ensemble
- Women's Choir

*denotes semester courses
Transfer Students

Adjustments will be made so that a student neither receives an advantage nor a disadvantage when transferring credits. Home Schooled students transferring to the high school will receive a comprehensive assessment to determine proper grade level placement.
State Allowed Graduation Modifications

The State of Michigan has legislated that every student needs to complete all aspects of the Michigan Merit Curriculum. The State has allowed for the possibility that some students, with the support of their parents/guardian, may request a modification to the State graduation requirements. These modifications, which may produce a personal curriculum plan, are to be developed by a group consisting of the student, his or her guardian/parent, the student’s counselor and administrative designee. The modified plan will incorporate as much of the subject area contest expectations as practical, as well as alignment with the student’s educational development plan (EDP). It is also the responsibility of the student’s parents/guardian to monitor that their child’s progress is congruent with the goals contained in the personal curriculum plan as well as contacting the student’s counselor and/or caseload teacher at least twice per semester.

There are no modifications allowed to the State of Michigan requirements for Language Arts, World Language, Science, U.S. Civics, Algebra I and Geometry.

Students and their parents need to be aware that if a personal curriculum plan is granted and the student does not achieve proficiency in the required credits, the personal curriculum is null and void. They also need to understand that a personal curriculum plan may impact NCAA eligibility, college scholarships, and college admission decisions.

Units of Credit

Credit is awarded in units of ½ for the successful completion of a semester course. An exception is that some vocational, technical and cooperative courses are multiple period courses, and students receive credit corresponding to the amount of time spent in class or on the job.

Students must be enrolled full time unless approved for a reduced schedule through an Individual Education Plan (IEP).

The following course offerings are limited electives: Independent Study, Physical Education, Work based Learning, Transition (when scheduled during school time), Technical Block Class, and/or any Oakland Schools Technical Center Program. Only one section of each of these limited electives may be taken during a given semester. Only two sections of any combination of these course offerings may be taken during any given semester.
Registration for Classes

Beginning in January and continuing until March, counselors schedule class meetings to help students plan their schedules for the following school year. All students should consider their options for taking the required courses for graduation requirements and making elective choices to meet individual interest and need.

After this information session, students take home their registration forms to collaborate with their parents/guardians regarding their course requests. Together, parents and students should access the online course catalog and complete course selection sheet to pre-register for the appropriate classes. It is important that students, aided by their parents, choose carefully. Course offerings and staffing are based upon the requests made by students. IB, AP and Honors Commitment forms must be signed by the student and a parent/guardian in order to be placed in such a class.

Scheduling Errors

All course request changes must be submitted no later than June 1st of the previous school year. Any request made after this date will not be considered.

*Master schedule development and staffing assignments are based upon students’ course requests, therefore no course request change will be considered after June 1st other than for the reasons stated below.*

Correcting Schedule Errors:

- Your schedule is incomplete (one or more hours missing in any semester).
- There is a conflict in the schedule (two classes scheduled at the same time).
- You failed or did not take a sequential or prerequisite course, or
- You are missing or failed a class needed to fulfill graduation requirements and this is the last chance to schedule it

NOTE: Once a commitment form to take an AP, IB or Honors class is signed, students will not be able to drop these classes.

Please Note:

- Schedule error forms are available in the Counseling Office and online under the Counseling Office’s webpage, [http://oxfordhigh.oxfordschools.org/academics/counseling/](http://oxfordhigh.oxfordschools.org/academics/counseling/).
- Schedule Error Notification Forms, signed by a parent or guardian, must be received within the first (4) school days of a new semester.
- Any absences(s) incurred by students who stop attending class without an approved schedule change are unexcused.
Optional Learning Opportunities

See your counselor if you are interested in pursuing these options:

Correspondence School
Correspondence school studies must be offered by accredited institutions and require Counselor & Administrative pre-approval. Course taken in core subject areas must also meet Michigan Merit Curriculum Standards.

Credit Recovery
Students are offered the opportunity to make up credit online, after-school and during the summer, on a limited availability basis. There is a fee for each \( \frac{1}{2} \) credit.

Dual Enrollment
In an effort to meet student needs and interests, school districts have allowed students to attend courses at local colleges or universities in addition to course at high school. For further information, refer to the Dual Enrollment section.

General Internship
This course will allow students in 10th and 12th grades to receive credit if they attend an internship or work experience for at least four hours per week. This experience will provide a working relationship between the student, school, and the community. Please see your counselor for further information. General internship requests are simultaneous with seated course requests, and all the same scheduling deadlines apply. Any student requesting a general internship must indicate such interest during the regular scheduling process and must have designated their plan for general internship experiences in their EDP prior to submitting their course request form.

General Internship students must attend the internship or work experience at least four hours per week for the same number of weeks as are necessary to earn credit in a traditional course in that school district of public school academy. The student may be excused from one his or her required 7 classes if it is determined appropriate by high school administration. The student must also complete board requirement for reflection project.

Independent Study
Independent Study courses are unique learning experiences which are not a part of regular course offerings. A qualified student and his or her teacher prepare a formal agreement outlining course content, curriculum, and student and teacher expectations. A maximum of 1 credit is allowed toward graduation. Independent Study requires Counselor & Administrative pre-approval.

Oakland Schools Technical Centers (OSTC)
OSTC offers career preparation programs for 11th and 12th grade students in three-hour blocks of intensive hands-on technical vocational curriculum. Students attend half day at OSTC and half day at OHS. Applications should be submitted in the fall of the 10th and/or 11th grade years.

Pass/Fail
A pass/fail option is available to juniors and seniors only and is limited to a maximum of one credit. It must be approved by the administrator, instructor, parent/guardian and counselor before the fifth week of class. Some colleges may not accept pass/fail credit. If a student fails the class, an “E” will appear on the transcript. This option is also available to students with an individualized education plan who are working toward a certificate of completion.
**Virtual Learning**

Students eligible for this option may enroll in a virtual course in place of a seated course. Virtual course requests are simultaneous with seated course requests, and **all the same scheduling deadlines apply**. Any student requesting an online course must indicate such interest during the regular scheduling process and must have designated their plan for online course experiences in their EDP prior to submitting their course request form. Failure to meet online course requirements may exclude future online enrollment.
Alternative Methods of Obtaining Credit

**Middle School Credits**
Credit will be granted toward high school graduation for any student who successfully completes, prior to entering high school, a State-mandated curriculum requirement, provided he or she completes the same content requirements as the high school subject area, and the student has demonstrated proficiency as defined as earning a 78% or better for the course, including the final exam grade. Any student who earns high school credit in middle school will have the credit and grade earned posted to their high school transcript. However, the grade earned will not be factored into GPA or ranking formula. An explanation of the policy will be noted on the student’s transcript.

**Test Out**
Credit will be granted toward high school graduation for any student not enrolled in a course, but who has exhibited a reasonable level of knowledge of the course and has tested out by achieving a seventy-eight percent (78%) or better on a final cumulative exam for the course, or if there is no final exam, through basic assessment used for the course, which may consist of a portfolio, paper, project, presentation, or other established means. The course will appear on the student’s transcript with a ‘TO’ designation for ‘Tested Out.’ The class will not factor into the student’s GPA or Scholar Ranking formula. Please note: the school does not provide textbooks and/or course materials for students wishing to test out. Students are allowed to attempt testing out twice before a failure is denoted on their transcript for a particular course.

**Personal Curriculum**
A school district or public school academy annually shall notify each of its pupils and a parent or legal guardian of each of its pupils that all pupils are entitled to a personal curriculum under this subsection. The annual notice shall include an explanation of what a personal curriculum is and state that if a personal curriculum is requested, the public school or public school academy will grant that request.

**Dual Enrollment**
In an effort to meet student needs and interests, school districts have allowed students to attend courses at local colleges or universities in addition to course at high school. The Postsecondary Enrollment Options Act, Public Act 160 of 1996 and the Career and Technical Preparation Act, Public Act 258 of 2000, provides opportunities for school districts to assist students who meet all the necessary qualifications, in paying tuition and fees for courses at Michigan public or private colleges or universities.

The spirit of Postsecondary Options or Dual Enrollment is that the dual enrollment course is an extension of the high school’s curriculum, not a lateral supplement. Every effort will be made to fill a student’s schedule with appropriate courses from the Oxford High School curriculum before considering other postsecondary options. See your Counselor if interested in Dual Enrollment opportunities.

To qualify, all the following conditions must be met:

1. Students in grades 9-12 must have earned qualifying scores on the following tests: SAT, PSAT, PLAN, ACT or other to be determined college placement assessment.
2. Students must be enrolled in both the school district and postsecondary institution during the local school district’s regular academic year and must be enrolled in at least one high school class.

3. The college courses must NOT be offered by the district. An exception to this could occur if the Board of Education determines that a scheduling conflict exists which is beyond the student’s control.

4. The college courses cannot be hobby, craft, or recreation courses, nor can they be courses in physical education, theology, divinity, or religious education.

5. Proof of registration in college courses must be provided to the high school counselor before the first day of high school classes each semester. Otherwise, the student will be enrolled in 7 courses at the high school, and the district will not pay any college tuition or fees for that semester.

Please Note:

- A student’s Educational Development Plan should reflect an interest in or match for dual enrollment prior to course registration.
- Students are responsible to contact the college for enrollment information and complete all OHS enrollment forms.
- Students can earn both college and high school credit. This must be declared at registration and college transcripts must be provided to OHS.
- Request deadlines: June 1st (for the fall semester of the upcoming school year); November 1st, (for the spring semester).
- Districts are required to pay the lesser of: (1) the actual tuition charge, mandatory course fees, materials fees and registration fees, or (b) the portion of the student’s foundation grant allowance, adjusted to the pro portion of the school year the post-secondary institution.
- Dual enrollment classes do not quality for GPA added value points.
- Up to 10 courses overall can be covered under the Postsecondary Enrollment Options Act. For a student that first dual enrolls in:
  - 9th grade – not more than two courses per year in 9th, 10th, and 11th grade, and not more than four courses in grade 12
  - 10th grade – not more than two courses in 10th grade, and not more than four courses in 11th and 12th grade
  - 11th or 12th grade – not more than six courses per year

For more information regarding dual enrollment options visit https://www.michigan.gov/mde/0,4615,7-140-81351_40085---,00.html
International Baccalaureate Diploma Programme

The IB Diploma Programme aims to develop students who have excellent breadth and depth of knowledge – students who flourish physically, intellectually, emotionally and ethically. By providing the internationally recognized IB DP pathway, OCS prepares students to thrive in the world that awaits them after graduation and greatly enhances their ability to be accepted into the college or university of their choosing.

The purpose of the IB Diploma Programme is to develop the whole child and prepare them for success in the next level of their education. The IB DP program is universally recognized by universities as one of the most challenging and academically rigorous programs in the world. Due to this established rigor, IB DP students are highly valued by elite universities as evidenced by both increased admittance rates and awarding of credits prior to post-secondary enrollment. Graduates of the IB DP not only prepared to succeed academically, they are also ready to contribute significantly to the culture and capacity of the community they will enter after high school.

The end result of the IB Diploma Programme is to provide students with two diplomas, one from Oxford Community Schools and one from The International Baccalaureate Organization. Even if students do not earn their IB Diploma, they are still excellently prepared for success in college. The Diploma Programme’s rigor and required modes of thinking prepares students for success at high level universities world-wide.

IB DP Student Profile – Who should be DP

- Well rounded
- Inquisitive
- Open minded
- Strong work ethic
- Organizational skills
- Desire to question and learn
- Adaptable
- Perseverant
**IB Diploma Requirements**

The IB Diploma Programme (DP) requires courses in six major areas of study. Students must take three or four courses at the higher level (HL) and the rest at standard level (SL). HL courses are required to meet for a minimum of 250 hours and SL course require a minimum of 150 hours of classroom instruction.

At OHS the following choices are currently offered:

**Group 1 (Language A):**
- English HL

**Group 2 (Language B):**
- Spanish SL or Chinese SL

**Group 3 (Individuals and Societies):**
- History HL (includes History of America’s during 11th grade and Twentieth Century Topics in 12th grade)
- Psychology SL – elective

**Group 4 (Experimental Sciences), at least one required**
- Biology HL or SL
- Physics HL or SL

**Group 5 (Mathematics):**
- Two years of IB Math, chosen from IB Math Analysis SL/HL or IB Math Applications SL/HL

**Group 6 (Arts or Elective):**
- Music SL – elective
- Visual Arts SL – elective
- One other course from the Experimental Sciences or Individuals and Societies elective offerings.

**To obtain IB diploma candidates must:**
- Successfully complete one course from each area of study listed above and complete IB assessments in each area.
- Complete the Theory of Knowledge (TOK) course. This is a class which challenges students to reflect critically on diverse ways of knowing and areas of knowledge and to consider the role knowledge plays in a global society.
- Prepare and submit an Extended Essay of no more than 4000 words.
- Complete a Creativity, Action and Service (CAS) project. This project requires students to perform and reflect on extra and co-curricular activities, portions of which must involve service to the school and/or community.

**Full Diploma or Course Certificates Options:**

Students completing the Full Diploma Programme must complete and be successful in each of the criteria listed above. Students must also meet the conditions detailed in Section V (Conditions for the Award of the IB Diploma) of the *Diploma Programme General Regulation*. 
Students may also choose to complete individual Course Certificates. A student who chooses to take one or more IB courses without completing the full Diploma Program requirements has the opportunity to earn IB Certificates in those classes. A certificate student participating in an IB class must complete all internal and external assessments for that course. Students who complete an IB course and pass the exam will receive an IB certificate in the given subject. Please note that the IB Registration fee will be due during each year a student wishes to test for individual course certificate

**IB DP Assessment**

All IB DP courses will be graded by Oxford High School instructors for the awarding of grades in compliance with Oxford Community Schools (OCS) and OHS guidelines. Additionally, each IB DP course will include prescribed specific assessments that will be used for determining the awarding of the IB Diploma or Certificate.

All academic courses in the IB Program are assessed in two forms, both internally by the instructor and externally by the International Baccalaureate Organization (IBO). The quality of the candidate’s work rests with over 4000 examiners worldwide, led by chief examiners with international authority in their fields adhering to uniform standards set by the IBO.

Each student completes internal assessments: essays, recorded oral presentations, portfolios, or lab work done within the curriculum. These assessments are scored against specific rubrics and scores are submitted to IB. Samples of student work, selected randomly, are rescoring by an examiner assigned by IB in order to maintain standardized application of the rubric. Students complete the process with examinations during May of their junior and senior years.

The points awarded for each course range from 1 (lowest) to 7 (highest). Students can also be awarded up to three additional points for their combined results on Theory of Knowledge and the Extended Essay. Therefore, the highest total that a Diploma Program student can be awarded is 45 points.

The diploma is awarded to students who gain at least 24 points, subject to certain minimum levels of performance across the whole diploma and to satisfactory participation in Creativity, Action and Service (CAS). The CAS project is studied throughout the Diploma Programme; CAS involves students in a range of activities alongside their academic studies. CAS is not formally assessed. However, students reflect on their CAS experiences as part of the DP, and provide evidence of achieving the seven learning outcomes for CAS. The CAS project enables students to enhance their personal and interpersonal development by learning through experience.

**Student Fees in IB Diploma Programme**

For the 2020-2021 school year the total cost of a full IB Diploma Programme Candidate is approximately $714. These fees of $119 per IB exam taken. The cost is subject to change based on the IBO adjusting test and registration fees.

If a student chooses to pursue individual course certificates, there will be a testing fee of $119 for each IB exam taken. These fees will be non-refundable once the registration process has been completed. For information on the course certificate option please consult with your counselor or IB DP Coordinator.

Financial assistance and payment plans may be available to students who are in need of these services. OCS is committed to ensuring that all students have access to the IB program. Students should contact the Diploma Programme Coordinator for more information and help in this process.
**Application/Registration for the IB Diploma Programme**

Students interested in pursuing the IB Diploma should contact their counselor or the IB DP Coordinator. Once this interest is identified the student will be provided with further information and an application packet to be completed by student and parent or legal guardian. This information and application packet may also be found at [www.oxfordschools.org](http://www.oxfordschools.org) on the Academics page. Students should disclose their intent to enter the Diploma Programme by completing the application process no later than February 1st of their sophomore year and as early as February 1st of their eighth grade year. The earlier a student declares their intent the sooner they will be able to receive targeted counseling services to best prepare them for the coursework recommended to be successful in the Diploma Programme.

For Further information, students should see their counselor or IB DP Coordinator and/or visit the Oxford Community Schools website at www.Oxfordschools.org

**Advanced Placement Courses**

Advanced Placement (AP) is a program created by the College Board which offers college-level curricula and examinations to high school students. Many Oxford High School teachers are trained and certified AP teachers. AP courses are more demanding than regular high school classes and are similar to first-year college courses. Most colleges and universities grant placement and course credit to students who obtain high scores on the examinations. AP Exams are offered in May at a student cost of approximately $94. Students are not required to take the AP Exam in order to receive high school credit, but students are encouraged to take the exam for a chance to earn college credit at many universities or colleges. The AP curriculum for each of the various subjects is created for the College Board by a panel of experts and college-level educators in that field of study. For information on what AP courses to choose from, please view our course offerings and course sequence flow charts. For additional information or to see what courses may be an option for you, please see your counselor.
Oxford Schools Early College

Oxford Community Schools District’s Early College program (Oxford Schools Early College) is a rigorous five-year high school, combining the best of the high school with an early college experience. Oxford Schools Early College (OSEC) is a program within Oxford High School and offers both online/virtual and face-to-face instruction to enable students to earn their high school diploma and 60+ transferable college credits. OSEC provides a supportive educational environment through the use of Mentor Teachers for students throughout Oakland County, as well as, all contiguous counties. Students have the opportunity to earn college credits from Rochester University, Macomb Community College, Mott Community College, or Washtenaw Community College before graduating as a high school student.

Through the district’s early college program, students will have the opportunity to begin earning postsecondary credit when they meet the standards of the formal application process which involve the following criteria: written essays, letters of recommendation, dual enrollment qualifying scores set by the State of Michigan and meet eligibility criteria set by the OSEC and Rochester University or Macomb Community College or Mott Community College. The early college program will enable students to earn 60+ college credits in the program of study they wish to pursue, according to their Educational Development Plan (EDP).

Post-Secondary Credits Expected Academic Year

Students will enroll in dual-enrolled credits with the approval of the OSEC counselor or OSEC administrator. The possible number of college credits per year is as follows:

- Grade 9 ~ 0 college credits
- Grade 10 ~ 6 college credits
- Grade 11 ~ 12 college credits
- Grade 12 ~ 15 college credits
- Grade 13 ~ 30 college credits
**OSEC Graduation Requirements**

**Curriculum Options**
OSEC has different options than any other area early college. As OSEC is under the umbrella of Oxford High School students are able to take their high school courses at Oxford High School or with our sister school Oxford Virtual Academy or any combination of the two. Each option meets the Michigan Merit Curriculum and Oxford Community Schools requirements for graduation.

**Graduation Requirements**
All students are required to have an EDP. Students, working with their parents, will design a five-year planned program for grades 9-13 plus Capstone. The EDP is filed in each student record and reviewed.

<table>
<thead>
<tr>
<th>Graduation Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Language Arts</td>
<td>4</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>World Language</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>.5</td>
</tr>
<tr>
<td>Health</td>
<td>.5</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>OSEC Capstone Project</td>
<td>1</td>
</tr>
<tr>
<td>College &amp; Career Prep Freshman or Sophomore Yr.</td>
<td>1</td>
</tr>
<tr>
<td>SAT Preparation Recommended</td>
<td>.5</td>
</tr>
<tr>
<td>Remaining Electives</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total High School</strong></td>
<td><strong>24</strong></td>
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<tr>
<td><strong>Minimum College With MEMCA Certificate</strong></td>
<td><strong>24</strong></td>
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<tr>
<th>Individuals and Society (Social Studies): 3 Credits</th>
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<tbody>
<tr>
<td>U.S. History &amp; Geography (1 credit) Economics (½ credit)</td>
</tr>
<tr>
<td>U.S. Civics (½ credit) World History &amp; Geography (1 credit)</td>
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<tr>
<th>Language and Literature (Language Arts): 4 Credits</th>
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<tbody>
<tr>
<td>Language Arts 9 (1 credit)</td>
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<tr>
<td>Language Arts 10 (1 credit)</td>
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<tr>
<td>College Comp A &amp; B (1 credit)</td>
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<tr>
<td>College Literature Course (1 credit)</td>
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<table>
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<tr>
<th>Mathematics: 4 Credits</th>
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<tbody>
<tr>
<td>Algebra I (1 credit)</td>
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<tr>
<td>Geometry (1 credit)</td>
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<tr>
<td>Algebra II (1 credit)</td>
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<tr>
<td>1 credit during Year 4</td>
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<tr>
<td>Math-related course in Year 5</td>
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<table>
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<tr>
<th>Sciences: 3 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology (1 credit)</td>
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<tr>
<td>Chemistry (1 credit)</td>
</tr>
<tr>
<td>OR Chemistry or Physics (1 credit)</td>
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<tr>
<td>Physics (1 credit)</td>
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<tr>
<td>Science Elective (1 credit)</td>
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<table>
<thead>
<tr>
<th>Language Acquisition (World Language): 2 Credits</th>
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<tr>
<td>*Must be sequential courses</td>
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<table>
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<tr>
<th>Physical Education: ½ Credit</th>
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<tbody>
<tr>
<td>Health Education: ½ Credit</td>
</tr>
<tr>
<td>Visual and Performing Arts: 1 Credit</td>
</tr>
<tr>
<td>Capstone Project: 1 Credit</td>
</tr>
<tr>
<td>College &amp; Career Prep: 1 Credit</td>
</tr>
<tr>
<td>SAT Preparation: ½ Credit</td>
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</tbody>
</table>

*Note: Students can work with the OSEC staff to “double-dip” college and high school courses
**OSEC Expectations**

Factors that may affect OSEC student status, the number of dual-enrolled credits a student may enroll in, and subsequently each calendar school year include, but are not limited to:

1) **Academic Performance** – Students who fall below a 3.0 (B average) in college and/or high school coursework will be placed on academic probation. Academic success is measured by receiving a grade of B- or better in every high school and college course. Both “I” and “N” grades are considered less than successful academic performance. Academic probation could include, but are not limited to mandatory tutoring time, decreased opportunity to take college courses, and/or removal from Oxford Schools Early College.

2) **Qualifying Tests Scores** – Students must meet the qualifying test scores to be able to dual enroll. As this is the major aspect of the early college program, students must meet this requirement to remain an Oxford Schools Early College student.

3) **Behavior Concerns** – A student whose behavior is problematic and engages in prohibited behavior(s) identified in the Oxford Schools’ Student Code of Conduct will be limited to take fewer college courses to prevent the likelihood of such behavior occurring in college courses.

4) **Honesty** is expected at all times. ALWAYS be transparent when struggling with a course!

5) **Meeting with an academic advisor at the college, prior to the start of each semester is a must!**

6) **Academic performance of 3.0 and above is expected. Remember, C- courses do not transfer. Students with low grades will be on academic probation, having stricter requirements to fulfill with their mentor.**

7) **ADDING or DROPPING a class after the beginning of a semester MUST be OSEC APPROVED! There are specific dates in which full payment is returned. Failure to speak with OSEC before making any changes will result in OSEC’s inability to pay for courses and/or you will be responsible for the tuition of any dropped course.**

8) **College Books:** ALL RU books are to be listed on OSEC order form in order to ensure payment. OSEC will contact you when books we are ordering are ready to be picked up at Oxford High School in the OSEC rooms.

9) **Outstanding Tuition Balance** – A student who has an outstanding tuition balance for college courses will not be allowed to enroll in additional college courses until the obligation has been satisfied. Tuition and associated fee responsibilities are further explained below. Parents/students will be required to pay for tuition, fees, and other associated costs if:

   a. The student enrolls in courses and/or credit hours without OSEC counselor or director’s written approval.

   b. The student enrolls in courses/credit hours that exceed the maximum credit hours allowed by OSEC during any semester.

The student enrolls in any courses/credit hours during the summer semester.
### Assessments/State Testing

#### Mandated State Testing

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT &amp; WorkKeys (All Juniors must complete)</td>
<td>Early Spring</td>
<td>All Juniors must complete the SAT &amp; WorkKeys test.</td>
</tr>
<tr>
<td>M-STEP (All Juniors must complete)</td>
<td>Early Spring</td>
<td>The 11th grade M-STEP involves online testing in the areas of Science and Social Studies.</td>
</tr>
<tr>
<td>PSAT (All Freshmen &amp; Sophomores must complete)</td>
<td>Early Spring</td>
<td>9th and 10th grade students will be taking the preliminary SAT in preparation for the SAT.</td>
</tr>
</tbody>
</table>

#### Optional Testing

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSAT/NMSQT (Optional for Juniors)</td>
<td>Early Fall</td>
<td>Preliminary SAT/National Merit Scholarship Qualifying Test. Register in OHS Counseling Office.</td>
</tr>
<tr>
<td>SAT</td>
<td></td>
<td>To locate additional test sites and see additional testing dates and locations visit the SAT website at <a href="http://www.collegeboard.org">www.collegeboard.org</a>.</td>
</tr>
<tr>
<td>ACT</td>
<td></td>
<td>To view test dates, locations and register for the ACT, go to <a href="http://www.actstudent.org">www.actstudent.org</a>.</td>
</tr>
</tbody>
</table>

The successful completion of all state-mandated tests is a requirement for graduation. All tests, with the exception of the ACT, will be given at Oxford High School.
Resources to Assist Student in PSAT and SAT Preparation

The College Board Website: The College Board website, https://collegereadiness.collegeboard.org/, provides valuable information on what to expect from the new versions of the PSAT and SAT tests. In addition to an overview of each of the tests, the College Board site provides details on test dates, success tips, sending scores to colleges, as well as a few scholarship opportunities – including scholarships for practicing SAT skills. Most importantly, the College Board site offers free practice opportunities through the Khan Academy that have shown much success in increasing student scores.

Khan Academy: The Khan Academy has developed, in partnership with the College Board, a personalized course for students to improve their SAT performance. Once a student links their College Board account with their Khan Academy account, Khan Academy will create a course specific to the individual student based on the results of their previous PSAT and SAT performance. Studies have shown, and we have witnessed with several students, that with as little as six hours of Khan Academy practice, student scores can rise significantly. For more information on how to link your student’s College Board account with their Khan Academy account please visit https://www.khanacademy.org/sat. The site also includes a link for parents on strategies they can use to assist their student’s improvement journey. For more information on the benefits of using the Khan Academy for PSAT and SAT practice visit https://collegereadiness.collegeboard.org/sat/practice/khan-academy.

It is important to note that just 15 minutes of Khan Academy practice a day can increase SAT scores by 40 to 100 points! This performance increase is often the difference needed when applying to college and receive scholarships. The effort has proven to be well worth the time.

Summary of Links to Assist You and Your Student:
https://studentscores.collegeboard.org/home – Direct link to obtain a student’s individual full score report. The access code located on the front of your student’s score report will be helpful in accessing their account.

https://collegereadiness.collegeboard.org/ - General overview of the SAT Suite of assessments. Test details, registration dates, useful tips, sending scores to colleges, test preparation, and some scholarship information.

https://www.khanacademy.org/sat - Direct link to the Khan Academy and College Board partnership to be able to begin customized practice for your students. It is important to note that just 15 minutes of Khan Academy practice a day can increase SAT scores by 40 to 100 points!

https://opportunity.collegeboard.org/ - Earn scholarships for practicing and building skills using the Khan Academy and fulfilling a few simple – yet very important – tasks on the College Board website. This site allows students to become eligible for scholarships for doing the things they should already be doing in preparation for life after high school.


If you have any more questions regarding the PSAT or SAT practice, please do not hesitate to contact the OHS Counseling Office
Academic Progress

Report Cards
Report Cards are no longer mailed but can instead be viewed on PowerSchool and will be distributed via school messenger.

Grades and attendance may be checked daily on PowerSchool by parents/guardians, to better monitor your child’s academic progress and attendance. If you do not have internet access, please contact the Counseling Office for alternate methods for obtaining reports, 248-969-5150.

Transcripts
Transcript requests should be completed online. Oxford High School has joined forces with Naviance to bring you a safe, quick and paperless way to send transcripts directly to the colleges you choose. It’s easy secure and available 24/7. To request a transcript go to the Naviance link on the High School counseling website or go to https://student.naviance.com/oxfordhigh. Transcripts are free up to August 1st of your graduation year.

SAT & ACT Test Scores
Oxford Community Schools does not have the ability to send ACT or SAT test scores with the transcript. Students need to request their scores directly from the test agencies, either www.actstudent.org or www.collegeboard.com to each college.
Honor Roll
Students who received a semester grade point average of 3.0 or higher have earned a place on the Honor Roll.

Undergraduate Honors
Sophomores, Juniors, and Seniors will be recognized for their previous school year accomplishments at an Awards program each September. The following GPA averages will be used to determine academic honors awarded each September.

<table>
<thead>
<tr>
<th>Sophomores</th>
<th>Juniors</th>
<th>Seniors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative GPA:</td>
<td>Cumulative GPA:</td>
<td>Cumulative GPA</td>
</tr>
<tr>
<td>3.3-3.49 receive Certificate</td>
<td>3.3-3.49 receive Certificate</td>
<td>3.3-3.49 receive Certificate</td>
</tr>
<tr>
<td>3.5-4.00 receive Pin</td>
<td>3.5-4.00 receive Academic Letter</td>
<td>3.5-4.00 receive Pin or Academic Letter</td>
</tr>
</tbody>
</table>

Recognition at Senior Awards Night and Graduation
Graduating Seniors with a 3.3 or higher will be invited to Senior Awards night and presented with the following:

<table>
<thead>
<tr>
<th>Cords</th>
<th>Medals</th>
<th>Stoles</th>
<th>Departmental Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Determined by cumulative GPA</td>
<td>Determined by Scholar Rank</td>
<td>• IB Full Diploma Candidates</td>
<td>Recognition for students who have achieved academic success in a specific field of study.</td>
</tr>
<tr>
<td>• ≥3.85 Summa Cum Laude – Gold Cords</td>
<td>• Top Scholar – Recognition of the top 25 students based on accumulative GPA and SAT score (Scholar Rank)</td>
<td>• OSEC Candidates</td>
<td></td>
</tr>
<tr>
<td>• 3.70-3.849 Magna Cum Laude – Silver Cords</td>
<td>• Salutatorian</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 3.50-3.699 Cum Laude – White Cords</td>
<td>• Valedictorian</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Seal of Biliteracy:
The Michigan Seal of Biliteracy is an award presented to students who have demonstrated proficiency in English and at least one other world language by high school graduation. Proficiency is determined by obtaining a qualifying score on one of the following assessment:

- Advance Placement Language Test - 4.
- IB Diploma Language HL – 4
- IB Diploma Language SL –
- STAMP4S – High Intermediate

If a student qualifies for the Seal of Biliteracy before senior graduation ceremonies, the award will be recognized:

1. Senior Awards Night
2. Noted in graduation program
3. Seal of Biliteracy affixed to diploma
4. Noted on transcript

For more information about the Seal of Biliteracy please see the Seal of Biliteracy section in the document.
The Oxford Cup

Since 1930, the Oxford Cup has been awarded annually at the Oxford High School commencement ceremony to the senior (or seniors) at the top of the graduating class in scholarship who have shown the best all-around development. The selection of the top male and female senior student is made by the junior class, senior class, and members of the high school faculty based upon academic proficiency, well-balanced development, and superior school citizenship.

Starting in 2012 the Oxford Cup has been awarded to the top male and female vote recipients.

Eligibility Criteria:
- All OHS students who have been enrolled at Oxford High School for three years.
- All OSEC students who are in his or her 4th year and have attended OHS for the majority of their core course work at Oxford High School. (minimum of three years).
- To be eligible, students must not have been subject to significant discipline including suspension and academic dishonesty.
- One male winner and one female winner will be awarded each year.

Process:
- Top 33% of OHS senior male students and top 33% of OSEC 4th-year OHS-seated male students are placed on male segment of ballot. Top 33% of OHS senior female students and top 33% of OSEC 4th-year OHS-seated female students are placed on female segment of ballot.
- Eligible voters vote for top three male candidates and top three female candidates. Each vote counts as 1 point. After vote total is counted for each group (staff, seniors, and juniors) of voters, the votes are weighted to determine a male recipient and a female recipient.
- Votes will be weighted in the following manner:
  - OHS staff (50%), OHS seniors and OSEC 4th-year OHS-seated students (30%), and OHS juniors and OSEC 3rd-year OHS-seated students (20%)
  - The OHS Principal is responsible for validating the election results

Weighted GPA Calculation

\[
GPA = \frac{\text{Total Grade Points Earned (factoring added AP and IB values)}}{\text{Total Credits Attempted}}
\]

Oxford High School uses using a weighted system for calculating a student’s GPA that factors in the rigor of academic courses taken. The above formula provides the basis for a student’s weighted GPA.

In order to prevent the possibility of disadvantaging students who take additional coursework beyond the seven period day, a student may choose to exempt zero or eighth hour courses from his/her GPA calculation. This applies only to non-core academic course. The exemption option is available only if the total number of credits earned at Oxford High School exceeds the total number of credits possible assuming a full-time course load. Students eligible for and wishing to select this option should notify their counselor prior to their senior year.
Weighted GPA Criteria
- All OHS Advanced Placement (AP) and IB Diploma SL and HL level course.
- All Online and transfer AP and IB Diploma SL and HL level course.
- For AP courses, a +0.5-point adjuster will be awarded for the successful completion of the course.
- For IB Diploma courses, a +0.5-point adjuster will be awarded for each course upon successful completion including all internal assessments.

Note: For IBDP Groups 2 and 6 – IB SL designation will only be given in the single year official IB assessments are taken.

Advantages of Weight GPA
- Students will be encouraged to challenge themselves with academic rigor of AP and IB Diploma level courses. This will assist learners with:
  o College entrance and course resume
  o Improving SAT scores (college entrance), and
  o Allow for better academic preparation for successful college experiences

Graduating Seniors – Scholar Rank
The mechanism used to calculate Top Scholar class standing is based upon a 100* point system, with a score of 100 representing a 4.0 GPA and a perfect 1600 on the SAT. Weighting factors will be calculated within a student’s GPA, which adds 0.5 to a student’s grade point in specified AP and IB courses. Once the SAT scores are recorded, it will then factor into a student’s scholar ranking with the student’s GPA representing 80% and the SAT representing 20% of the scholar ranking score.

The Scholar Ranking Formula therefore is:
\[
\text{Total Scholar Points} = \left( \frac{\text{GPA}}{4.0} \right) \times 80 + \left( \frac{\text{SAT}}{1600} \right) \times 20
\]

Examples:

<table>
<thead>
<tr>
<th>Student 1</th>
<th>GPA</th>
<th>SAT</th>
<th>GPA * 80 + SAT * 20</th>
<th>Total Scholar Points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.02</td>
<td>1450</td>
<td>3.21</td>
<td>98.525</td>
</tr>
<tr>
<td></td>
<td>4.0</td>
<td>4.0</td>
<td>1450</td>
<td>98.525</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student 2</th>
<th>GPA</th>
<th>SAT</th>
<th>GPA * 80 + SAT * 20</th>
<th>Total Scholar Points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.94</td>
<td>1150</td>
<td>2.82</td>
<td>93.175</td>
</tr>
<tr>
<td></td>
<td>3.94</td>
<td>4.0</td>
<td>1150</td>
<td>93.175</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student 3</th>
<th>GPA</th>
<th>SAT</th>
<th>GPA * 80 + SAT * 20</th>
<th>Total Scholar Points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.51</td>
<td>1250</td>
<td>2.26</td>
<td>85.825</td>
</tr>
<tr>
<td></td>
<td>3.51</td>
<td>4.0</td>
<td>1250</td>
<td>85.825</td>
</tr>
</tbody>
</table>

*It is possible to have a total scholar point value larger than 100.

Summary
Different colleges and universities use a variety of ranking methods by academic standing or GPA. The OHS Scholar Rank system will help our students compete with their peers for college admittance and
scholarship eligibility. This system will also help OHS recognize its top academic scholars and encourage students to take courses that will help them be more successful at post-secondary education.

<table>
<thead>
<tr>
<th>GPA Rank</th>
<th>Top Scholar Recognition</th>
</tr>
</thead>
<tbody>
<tr>
<td>• GPA used for GPA Rank</td>
<td>• Either recognize top 25 or set a cut score based on formula to recognize students as Top Scholars including Valedictorian and Salutatorian</td>
</tr>
<tr>
<td>• Recognize students for being 3.30 to 3.49</td>
<td>• Presentation of Medallions to denote academic standing as Top Scholar</td>
</tr>
<tr>
<td>• Recognize these students as Honorable Mention Students</td>
<td>• Valedictorian to speak at commencement.</td>
</tr>
<tr>
<td>• Presentation of Cords to denote academic standing</td>
<td>• Top Scholar rankings are subject to change as updated SAT information becomes available. All SAT scores considered for Top Scholar Ranking will be considered final as of April 30th of graduating year.</td>
</tr>
<tr>
<td>• Denote in program</td>
<td></td>
</tr>
<tr>
<td>≥3.85 Summa Cum Laude (Gold Cords)</td>
<td></td>
</tr>
<tr>
<td>3.70 – 3.849 Magna Cum Laude (Silver Cords)</td>
<td></td>
</tr>
<tr>
<td>3.50- 3.699 Cum Laude (White Cords)</td>
<td></td>
</tr>
</tbody>
</table>

Note: As OSEC student grades are weighted differently than traditional Oxford High School students will not have completed all graduation requirements prior to graduation, they will be exempted from the scholar rank calculations.
The State Universities of Michigan have agreed that to be eligible for admission to a four-year degree program, a high school student graduating in 1995 and thereafter must successfully complete the following course requirements which are accomplished by taking 4 academic courses each semester.

- **English**  4 years required
- **Mathematics**  4 years required, including intermediate algebra;
- **Biological/Physical Sciences**  3 years required; 4 years strongly recommended - to include 1 year of biological science and 1 year of physical science
- **History/Social Sciences**  3 years required; -1 year of American History and 1 year of World History strongly recommended.

Prospective students are also encouraged to complete courses in the following areas:

- **World Language**  2 years required; 3 years strongly recommended
- **Fine/Performing Arts**  1 year required; 2 years strongly recommended
- **Technology**  ½ year required; 1 year strongly recommended

The universities recognize that, for a variety of reasons, some students may not be able to complete all the requirements. In such circumstances, students may still be considered for admission and, therefore, are encouraged to apply to the university of their choice.

The standards and requirements for admission are different for each public university and certain programs may have special requirements as well. Whatever your areas of interest, you should get detailed information about specific admissions requirements from your school counselor or from the proper admissions office. In considering your potential to be a successful student, each university looks at your high school record. Factors such as your grade point average, test scores, special abilities, scholastic activities, and work experience are also important.

Potential Division I & II athletes must also comply with NCAA core requirements.
**Division I Academic Standards**

Division I schools require you to meet academic standards for NCAA core course, core-course grade-point average (GPA) and test scores. The standards are changing for students who enroll full time for the first time at a Division I school on or after August 1, 2016.

If you enroll **BEFORE August 1, 2018** –

To be eligible to practice, compete and receive an athletic scholarship in your first full-time year at a Division I school, you must graduate high school and meet ALL the following requirements:

**Full Qualifier**-

1. Complete 16 NCAA core courses:
   - Four years English;
   - Two years math (Algebra I or higher);
   - Two years natural/physical Science (One year of lab, if offered);
   - One year additional English, math or natural/physical science
   - Two years social studies
   - Four years additional courses (Any area listed to the left, foreign language or comparative religion/philosophy
   - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
   - Seven of the 10 core courses must be in English math or science.

2. Earn a core-course GPA of at least 2.300.

3. Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see chart on next page).

4. Graduate High School.

For further and up-to-date information visit the NCAA websites,

Information for Future NCAA Athletes/NCAA Eligibility Center Main Page

Test Scores and GPA Sliding Scales for Eligibility: The new sliding scores are found here.

Grade Point Average in Core Course Requirements:

**Division II Academic Standards**

Division II schools require college-bound student-athletes to meet academic standards for NCAA core courses, core course grade-point average (GPA) and test scores. The standards
are changing for students who enroll full time for the first time at a Division II school on or after August 1, 2018.

**Full Qualifier**

If you enroll **BEFORE August 1, 2018** –

To be eligible to practice, compete and receive an athletic scholarship in your first full-time year at a Division I school, you must graduate high school and meet ALL the following requirements:

1. Complete 16 NCAA core courses:
   - Three years English;
   - Two years math (Algebra I or higher);
   - Two years natural/physical Science (including one year of lab, if offered);
   - Two years social studies;
   - Three years additional (English, math, or natural/physical science);
   - Four years additional (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy);
   - Complete 16 core courses
2. Earn a core-course GPA of at least 2.200
3. Earn the ACT/SAT score matching your core-course GPA on the Divisions II full qualifier sliding scale (see next page);
4. Graduate high school.

For further and up-to-date information visit the NCAA websites,

Information for Future NCAA Athletes/NCAA Eligibility Center Main Page
http://www.ncaa.org/student-athletes/future

Test Scores and GPA Sliding Scales for Eligibility: The new sliding scores are found here.
http://www.ncaa.org/student-athletes/future/test-scores

Grade Point Average in Core Course Requirements:
http://www.ncaa.org/student-athletes/future/grade-point-average
Career Pathways

Career Pathways align vocational and academic education within six career clusters to help students and teachers make meaningful connections between education and emerging employment trends. All Oxford High School courses are listed in one or more pathway.

This cluster includes the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products and resources.

This diverse Career Cluster prepares learners for careers in designing, planning, managing, building and maintaining the built environment.

This cluster offers two different avenues of concentration: Careers in the Performing Arts, Visual Arts or certain aspects of Journalism, Broadcasting and Film. The Arts, A/V Technology, & Communications Career Cluster includes designing, producing, exhibiting, performing, writing, and publishing multimedia content. Performing art includes acting, dancing, singers and musicians.

The Business Management and Administration Cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

The Education & Training Career Cluster prepares learners for careers in planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.

The Energy Career Cluster prepares individuals for careers in the designing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy.

The Finance Career Cluster focuses on money management, including planning, investing, and spending. Opportunities expand beyond basic business skills into financial literacy, banking, investing, insurance, and risk management.

The Government & Public Administration Career Cluster includes planning and executing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.

The Health Science Career Cluster includes planning, managing, and providing services in therapeutics, diagnostics, health informatics, support areas, and biotechnology research and development.
The Hospitality & Tourism Career Cluster encompasses the management, marketing, and operations of restaurants, and other food services, lodging, attractions, recreation events, and travel related services.

The Human Services Career Cluster prepares individuals for employment activities related to family and human needs such as nutrition and food science, counseling and mental health services, family and community services, personal care, and consumer services.

Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

The Law, Public Safety, Corrections, & Security Career Cluster prepares individuals for employment relating to emergency and fire services, legal services, protective services, and homeland security.

This diverse Career Cluster prepares learners for careers in planning, managing, and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Marketing is the process of anticipating, managing, and satisfying consumers’ demand for products, services, and ideas. The Marketing Career Cluster generates the strategy that underlies advertising and promotional techniques, business communication, and business development.

The Science, Technology, Engineering, Mathematics Career Cluster means planning, managing, and providing scientific research and professional and technical services. (e.g., physical science, social science, engineering).

The Transportation, Distribution & Logistics Career Cluster encompasses planning, managing, and moving people, materials, and goods by road, pipeline, air, rail, and water, and also includes other related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance.
### Oxford High School
**State-Approved CTE Program**

<table>
<thead>
<tr>
<th>CTE Program</th>
<th>Visual, Performing or Applied Arts Exchange Credit**</th>
<th>World Language Exchange Credit* (4th Level Language Only)</th>
<th>Science Exchange Credit*</th>
<th>3rd year Science Credit*</th>
<th>Economics Credit*</th>
<th>Algebra II Credit*</th>
<th>4th year Math Credit**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Automotive Technology</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>- Program Completer After 2 years*</td>
<td>(Auto I, Auto II)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Business Management &amp; Administration</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>- Program Completer After 2 years*</td>
<td>(1 year if doubled)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Business Management, Business Strategies, Financial Management I &amp; II)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Computer Programming</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>- Program Completer After 1 year*</td>
<td>(Computer Science Principles)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Digital Multi-Media &amp; Information Resources (IT)</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>- Program Completer After 1 year*</td>
<td>(Digital Imaging Technologies)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>After CIM Only</td>
<td>After POE Only</td>
<td>✓</td>
</tr>
<tr>
<td>- Program Completer After 1 year*</td>
<td>(Intro to Engineering Design)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td>✓</td>
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<td>- Program Completer After 1 year*</td>
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<td><strong>Radio, TV &amp; Broadcast Technology</strong></td>
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<td>- Program Completer After 1 year*</td>
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<tr>
<td>- Program Completer After 1 year*</td>
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*Upon completion of a state-approved CTE program, OHS students may use the additional credit options listed in the above categories indicated by a check-mark.

**To earn the 4th year Math credit or the VPAA Exchange credit, you do not need to be a program completer, only successfully pass the specific course, only if taken during year Senior year.

When considering replacing/exchanging credit, the process begins with your Counselor to review your four-year high school and post-secondary plans. Credit exchange used in a core area will result in an increase in the total number of electives requires, the total number of credits needed for graduation does not change.
Agreements between Oxford Community Schools and various two-year, four-year, and vocational institutions allow for articulation of credit for students to earn college credit in their high school CTE courses. An agreement is developed with an institution if the skills and competencies acquired by students are the same, thereby benefiting the students as they continue in a related program of study. Students are able to apply for college credit after **completing** approved career technical education programs.

<table>
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<tr>
<th>Auto Technology</th>
<th>Business</th>
<th>Computer Programming</th>
<th>Finance</th>
<th>Engineering</th>
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Automotive Technologies

Auto Repair & Maintenance
Grades: 9-12
One Semester: ½ credit
Prerequisite: none

This course is designed for the interested student who wants to learn automotive service, and may be interested in continuing in the auto technology program. The course provides the student with an understanding of how the automobile parts and systems work together on modern vehicles. Commonly used shop hand and power tools are taught along with safety concerns. Shop equipment use is presented, and time is provided for students to train on correct use of the tire machine, tire balancer, hoist, arc welder, MIG welder, and oxy-acetylene torch. In addition to the shop equipment, vehicle maintenance inspections and service is also taught. Students are taught skills necessary to service their own, family members’ or shop vehicles. This program will help students develop skills in problem solving and vehicle service, allowing them to save time & money in automobile repairs. It also provides helpful information for any student who needs to operate or maintain a vehicle both now and in the future and also lays a solid foundation to continue in the Auto Technology Program.

Auto Technology I
Grades: 10-11
Two Semesters: 2 credits (block)
Prerequisite: Auto Repair or instructor approval

This course is intended for the more serious student who would like to improve their knowledge base for personal use or to pursue a career path in automotive technology. The automotive technology program currently has many articulation agreements with local colleges and trade schools. This means that auto tech students can get college credit for their auto training in our high school program. The areas of suspension systems, steering, and wheel alignment are all taught in enough depth to prepare the student to take and pass the State Certification test in Front End & Wheel Alignment. Students are given both class and lab time to develop the necessary skills to obtain certification if they desire. Students review and apply the skills they learned to perform front end service and alignments on a four-wheel computerized alignment machine. Braking system operation, service and anti-lock braking systems are also taught in this segment. In addition, traction control and stability control systems are presented. Students are encouraged to compete in the annual brake service competition. Lab time is provided for students to develop skills in servicing braking systems. In the second semester, this class presents the fundamentals of basic electricity and its application to electrical systems used in the modern automobile. Electrical circuits, symbols, diagrams, and types of electrical fault are all covered in this class. Electrical circuit troubleshooting and common point diagnosis are emphasized so the student can apply this knowledge of troubleshooting to any circuit in the automobile. Batteries, starting and charging system operation and diagnosis are also taught. Electrical skills and knowledge is further reinforced as the students study lighting systems, wipers, horns, and other power accessories. Lab time is used to reinforce the skills learned in diagnosing electrical system problems. This is the first of a three-part segment in electrical instruction and should be followed with Auto Technology II.
Auto Technology II
Grades: 11-12
Two Semesters: 2 credits (block)
Prerequisite: Auto Technology

This is the second part of a three-part segment designed to teach students electrical diagnosis and repairs. This course continues the student’s electrical training with instruction on electrical accessories and ignition systems. This leads into engine performance and drivability training. Computer systems and operation are taught along with advanced diagnostics and performance troubleshooting. Students are taught to interpret computer data stream information and see the relationship between the cause of a malfunction and effect it has on other systems such as fuel and emissions. In the second semester, this course focuses on engine performance problems and their symptoms and causes, and is the third part of a three-part series. Ignition system testing and fuel system service are both taught. Systems scan tools are used to interface with the on-board computers to retrieve fault codes, display data stream information and assist in troubleshooting procedures. Students are taught to recognize and associate common engine performance symptoms with likely causes. Various types of fuel injection systems are taught as well as their principles of operation and diagnostic and testing procedures. The engine performance is then tied into vehicle emissions and the emissions control systems used. Emissions testing and the relationship between engine performance and emissions levels are emphasized.

Auto Technology III
Grades: 11-12
Two Semesters: 2 credits (block)
Prerequisite: Auto Technology II

In this class, students learn the principles of operation for a four cycle automotive gasoline engine and how they differ from the diesel and two stroke engines. Students are exposed to engine design and construction and material differences, basic service procedures and operations. Engine block, cylinder head and front end operation and service is taught. Cooling, and lubrication system operation and service are included in this segment. Students are also taught how to perform engine block service such as cylinder measurements, honing, torqueing procedures and cylinder head rebuilding. Cylinder heads are checked for cracks, warpage, valves and seats are ground, springs tested, etc. Tuned and ram induction are taught along with performance training in choosing camshafts, crankshafts, pistons, rods, and more. In the second semester this class will present the construction and operation of conventional manual transmissions and transaxles. Both the fundamentals of operation and transmission service are taught. Students will also study different types of driveline and their required service. Clutches, clutch release systems, and dual clutch systems will be presented. Differential parts, operation and overhauls will be covered in this class as well. Performing required inspections, measurements and adjustments on differentials will be taught as a part of this class. Transfer case types and operation, locking hubs and four-wheel drive systems will be presented. This class also focuses on the principles of operation of the Automatic transmission and service procedures. Parts and operation are covered before introducing the student to service techniques. Pressure tests and air tests are taught as students learn testing and overhaul operations. Students completely disassemble and rebuild either a transmission or transaxle in this class. During the transmission overhaul, students are asked to trace the power flow through the planetary gear train, noting which components are being held reactionary and how. The air conditioning system principles of operation and system service is also taught in this segment. Lab time is provided to students to service their own and customer vehicles.
Want to get ahead of the competition and learn how to market your business and employability skills? If so, this course is a must for your future! In this course, students explore potential future careers, create effective employment documents, learn successful interviewing and negotiating skills, and discover professional global workplace etiquette. In order to explore careers, students will complete self-assessments, delve into the specific skill sets necessary for various careers, and conduct a job shadow in their career of interest. For employment preparation, students complete a viable resume, reference page, job application, letter of application and thank you letter. Additionally, students learn and model effective interviewing and salary negotiation skills, along with developing leadership, teamwork and workplace strategies. Students will also learn and utilize cloud file management, digital time management tools, professional email skills and Microsoft Office programs during this course.

This course will allow students to develop business skills relating to teamwork, collaboration and leadership in the workplace. Students apply technical skills to address global business applications. Students will develop a foundation in economic, financial, technological, international, social, ethical and legal aspects of business. This course will introduce the concept of how to manage and motivate employees and will include theories and practices of global communication, while learning about real-world businesses. The focus of this class is to provide students with the necessary skills in critical thinking and decision making to competently function in the ever-changing global society. This course utilizes college level reading materials.
Financial Management I  
Grades: 10-12  
One Semester: ½ credit  
Prerequisite: none

This class will help students learn about budgeting, student loans, car loans, taxes and topics that will be beneficial outside of High School. Financial literacy is essential in meeting the financial challenges of the 21st Century. The competencies which form the basis for this course enable students to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in school to financial situations encountered later in life. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help students make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. The concepts taught in this class will show students how to take control of their money, build wealth and to help avoid huge money mistakes down the road. Real world topics covered are budgeting, student loans, car loans, college expenses, consumer awareness, careers & employee benefits, and income and payroll taxes.

Financial Management II  
Grades: 10-12  
One Semester: ½ credit  
Prerequisite: Financial Management I

This course is a continuation of Financial Management I. Students will also learn to apply decision-making skills to evaluate credit & debt decisions, banking options, budgeting, risk management & insurance, savings & investing spending choices and setting personal goals. The course content is designed to help the student make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Every day, every lesson will matter. These lessons will make a difference in the choices you make with money every day of your life.
Digital Multi-Media and Information

Digital Imaging Technologies 0499 & 0500
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

This course provides a survey understanding and experience via hands-on, project based education in design, development, and execution of projects in multimedia systems. It will provide an overview of Microsoft Imagine Academy software leading to an opportunity to obtain Microsoft certification in Word. Students will develop skills and knowledge in principles of design, cloud computing, web development, drone flight, presentation skills and collaboration.

Web Design I 0502
Grades: 9-12
One Semester: ½ credit
Prerequisite: Digital Imaging Technologies

Web Page Design is a hands-on class intended for students who desire exposure to the top rate, highly sought skill of designing and creating diverse products for the Internet. Whether they want to simply learn how to become more proficient with Internet technologies or whether they intend to have a career relating to technology, this class would be valuable to their future. In this course, students engaging in problem solving and higher-level thinking as they gain an understanding of successful web design concepts and techniques that are essential to planning, creating, testing, publishing, and maintaining Web sites. Students learn and apply the essentials of Web site layout, graphics, color, and multimedia, while demonstrating the maintenance and continuous improvement to a Web presentation. In order to develop real-world technology talents, students use HTML5, CSS coding, Dreamweaver, and Photoshop to produce high quality Web pages.

Web Design II 0502
Grades: 9-12
One Semester: ½ credit
Prerequisite: Demonstrated success in Web Design I with a B or better

The Web Design II class will provide students with the opportunity to learn to create professional, responsive, quality Websites and business documents utilizing effective Web Design principles, planning and practices. During the course, students will learn to create Web pages using HTML5. During the course, students will learn to create Web pages using HTML5, CSS, JavaScript, Dreamweaver, Photoshop, and online template sites. Students will create and maintain Web sites, including personal sites and sites for mobile devices, businesses and the community.
**Digital Creations I**  
0349  
Grades: 10-12  
One Semester: ½ credit  
Prerequisite: Digital Imaging Technologies

The course is a visually oriented history of the development of photography, as well as, an exploration of the fundamental principles, techniques and application of camera-based image and printmaking. Technical skills for digital photography are covered including refinement of exposure, post-image capture processing, and digital manipulation using Adobe Creative Suite.

**Digital Creations II**  
0350  
Grades: 10-12  
One Semester: ½ credit  
Prerequisite: Digital Imaging Technologies and a B- or better in Digital Creations I

Extends the students' knowledge of technique and guides them in developing personal outlooks toward specific applications of the photographic process. Reinforces the principles of photography and fundamental camera techniques. Provides weekly class critiques of students’ work. Centers on specific problems found in critiques. Includes working procedures and develops skills for the purpose of visual communications.

**Graphic Design**  
7451  
Grades: 10-12  
One Semester: ½ credit  
Prerequisite: Digital Imaging Technologies and a B- or better in Digital Creations I

Extends the students' knowledge of technique and guides them in developing personal outlooks toward specific applications of the photographic process. Reinforces the principles of photography and fundamental camera techniques. Provides weekly class critiques of students’ work. Centers on specific problems found in critiques. Includes working procedures and develops skills for the purpose of visual communications.
Computer Programming

**Computer Science Principles** 0497 & 0498
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

Computer Science Principles introduces all students to the foundational concepts of computer science and programming. Students will be exposed to and practice fundamental programming and problem solving concepts. This course challenges students to explore how computing and technology can impact the world. With a unique focus on creative problem solving through the development of real-world applications, Computer Science Principles prepares students for college and career. This course is designed for all students. To be eligible to sit for the AP exam, students must take both semesters. AP Computer Science Principles exam is optional.

**Computer Programming and Gaming** 0503 & 0505
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Computer Science Principles

This introductory programming course is project based and will cover the fundamentals of computer programming and game design by following a real-world design and process. This course exposes students to object-oriented programming and teaches fundamental programming concepts through the context of video games. Students will learn the basics of computer coding languages such as Snap and Python.

**Advanced Placement (AP) Computer Science A** 0555 & 0556
Grades: 10-12
Two Semesters: 1 credits
Prerequisite: Algebra and Computer Science Principles or teacher approval

This a year-long course designed to help students master the basics of Java programming language with an emphasis on problem solving methods. This class will expose students to the programming skills that will reflect those on the exam. In order to successfully pass the AP® Computer Science A Exam at the end of the school year, students must take both semesters. AP exam is optional.
Finance

**Computerized Accounting I**

*0372 & 0373*

- Grades: 9-12
- Two Semesters: 1 credit
- Prerequisite: none
- Articulation Agreements: Baker College, Davenport University and other may be available

Did you know that accounting jobs are expected to increase by 22% from 2010 – 2018? A Bachelor’s in Accounting is one of the most in-demand degrees and highest-paid professional careers for students upon college graduation. In this class, students learn the language of business (accounting) by analyzing and journalizing business transactions, keeping a ledger for a fictional company, and creating/updating financial statements of a sole proprietorship and a partnership. Financial information will be processed both manually and through computerized software (Aplia and Automated Accounting). This class prepares students for a variety of careers in the accounting and finance fields and is strongly recommended for students on the business, management, marketing and technology career pathway. Upon completion of this course, students will possess the skills to meet entry-level classifications in the Accounting Field.
Marketing

Marketing Concepts: Sports Marketing & Entrepreneurial Concepts 0242 & 0243
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

This full year class provides an overview of marketing concepts using sports, entertainment and entrepreneurial perspectives. Students will explore a variety of interesting and exciting marketing topics that include sales, advertising and promotion, marketing research, financing, product and service planning, and pricing. The formation and operation of —Fantasy Footballll teams and the operations of concert venues as well as theme parks such as Cedar Point are just a few examples of the use of sports and entertainment marketing that will be explored during this class. The class also teaches entrepreneurial topics and concepts such as methods for analyzing potential markets and competition, setting achievable goals and development of a strategic business plan. Understanding the probability of risks, along with developing crisis management, disaster recovery and business continuity plans, will provide students with a solid basis in their understanding of entrepreneurial skills. The use of computers and technology are very important skills learned. Participation in the DECA Club and the opportunity to advance and work in the 0-Zone School Store are just two of the benefits of enrollment in this class. Students who enroll in this class are also eligible for Marketing School to Work

Research Marketing I 0254 & 0255
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Marketing Concepts or Instructor Approval
Articulation Agreements: Baker College, Davenport University and others may be available

This full year class provides students a more in-depth study of the field of marketing. Students will apply their knowledge of marketing by conducting a comprehensive marketing project that they will then enter in state and national DECA Competitions (past national competitions have been held in Orlando, Florida and Anaheim, California). This challenging and worthwhile class also offers the students an opportunity to win college scholarships offered through the DECA Conferences. Students who enroll in this class are also eligible for Marketing School to Work. Students may be placed into a class period without their DECA teammates. Schedule change requests will not be granted for students looking to switch periods.
**Research Marketing II**

**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Research Marketing I

This full year class provides students a more in-depth study of the field of marketing. Students will apply their knowledge of marketing by conducting a comprehensive marketing project that they will then enter in state and national DECA Competitions (past national competitions have been held in Orlando, Florida and Anaheim, California). Research Marketing II will be offered to students that have completed Research Marketing I and wish to complete a different marketing proposal. Typically, first year DECA students complete a basic research project on a local business, while second year students will be required to complete a more in-depth project based on topics such as international marketing and public relations. This challenging and worthwhile class also offers the students an opportunity to win college scholarships offered through the DECA Conferences. Students who enroll in this class are also eligible for Marketing School to Work. Students may be placed into a class period without their DECA teammates. Schedule change requests will not be granted for students looking to switch periods.

**Retail Marketing (O-Zone Student Store)**

**Grades:** 10-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Marketing Concepts or Instructor Approval

This full year class provides students a more in-depth study of the field of marketing. Students will apply their knowledge in the operation of the O-Zone School Store. Participation in the DECA Club and the opportunity to advance to state and national competitions are two additional benefits of enrollment in this class. Students who enroll in this class are also eligible for Marketing School to Work.
Radio, TV and Broadcasting Technology

Radio, TV & Film I  
Grade: 9-12  
Two Semesters: 1 credit  
Prerequisite: none

This course covers the basics of video production, audio production, and the media industry. This is a field that is growing with the proliferation of video into all aspects of our lives from film, television, commercial, marketing, corporate videos, podcasts and more. Topics covered in the course include pre-production, production, post production, video and audio editing in addition to career pathways in media. The course places a strong emphasis on writing skills, creative talents and problem solving. Students will also enhance their teamwork and time management skills.

Radio, TV & Film II  
Grade: 9-12  
Two Semesters: 1 credit  
Prerequisite: Demonstrated mastery of Radio, TV and Film I and instructor approval

This course is an extension of video production and filming techniques and skills learned in RTVF I. Students will learn art direction and production design, documentary, news and reality programming, multi-camera studio production (live production), advanced camera operation, advanced lighting for film and video, narrative production, music & scoring, advanced post-production techniques, motion graphics, and portfolio design. Students will participate in job shadows and will work in groups and under deadlines. In addition, students may be required to work after school on video projects.

News Broadcasting  
Grade: 10-12  
Two Semesters: 1 credit  
Prerequisite: Demonstrated mastery of Radio, TV and Film I and instructor approval

News Broadcasting is a hands-on course that focuses on preparing the student with the skills and knowledge needed for a successful career in the television industry. The student gathers, writes, edits, and records short news programs for the announcements. Multiple leadership chances arise for those who accept the challenge of directing and producing programs.
Engineering

Project Lead the Way® (PLTW) is a national curriculum at the core of Oxford’s engineering program. It is affiliated with several colleges and universities including Duke, Purdue, Penn State, and Eastern Michigan University. Students taking PLTW classes have the opportunity to receive college credit.

PLTW - Introduction to Engineering Design™ 7520
& 7521
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

You will learn the engineering design process followed by Industrial Designers to create three dimensional computer models of new consumer products such as speakers, phones, and sunglasses. Products will be made on a 3D printer to the student's specifications. Michigan Merit Curriculum allowance may offer credit exchange in visual, performing or applied arts; world language; math; or science.

PLTW – Computer Integrated Manufacturing™ 7565
& 7566
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: none

Students will design, build and program electro mechanical machines and robots. Students will also learn how consumer products are mass produced through automation by using a computer numerically controlled (CNC) machine to produce products of their own design.

PLTW – Principles of Engineering™ 7510
& 7511
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: none

Students will use apply the science of physics to engineering through the design and construction of projects utilizing mechanical advantage, electronics, thermodynamics, bridges, and launchers. Michigan Merit Curriculum allowance may offer credit exchange in visual, performing or applied arts, world language; math; or science.
Mechatronics/Robotics Engineering

Mechatronics/Robotics Engineering I  7513 & 7514
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

Students will learn the design process in order to build mechanical systems, robotic controls and small programmable robot vehicles. Students will learn about mechanical systems, electrical and motor controls, and Students who are interested in joining the FIRST robotics team, or enjoy figuring out how things work, will be highly successful in this course. This is the first course in the robotics/mechatronics engineering pathway. Students will compete in engineering challenges to design, fabricate and build mechatronic systems. Students will work within the fabrication lab, creating components. Students will also build underwater robots to perform various tasks in order to understand aquatic engineering.

Mechatronics/Robotics Engineering II  7515 & 7516
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Mechatronics/Robotics Engineering I

Students will be fully engaged with this hands-on build class. The students in this class get to generate ideas, design, build and test a fully operational robot on their own. The robot will be completely designed and built by students to compete against other schools in a game, challenge or competition. Students will follow the engineering design process to create a robot after analyzing the rules and strategy of the game. Students will work in the engineering fabrication lab to cut material and build the robot from the ground up. The students will learn valuable engineering skills including, problem solving, product design, chassis/powertrain development, electrical hardware and software, programming, pneumatics and mechanical movement. The class robot will compete in the Oakland County Competitive Robotics Association (OCCRA) against 25 other teams. Students will incorporate Computer Aided Design, 3D Printing and the design process to further their knowledge in mechatronic systems. Students are required to attend scheduled OCCRA events and build sessions outside of the school day as a part of the overall experience.

Senior Capstone Design  7563 & 7564
Grades: 12
Two Semesters: 1 credit
Prerequisite: Successful completion of Mechatronics I and Mechatronics II, PLTW engineering course, Auto Technology II or have been involved in the FIRST Robotics team (TORC). Teacher recommendation required.

Students will design and build a fully functional electric vehicle to compete in the Square One Education Network competition. Students will follow the design process to conceptualize, design and build the vehicle to the Square One Education Network requirements. Students will use 3D modeling to design components as well as Computer Integrated Manufacturing to fabricate the vehicle. The vehicle will be powered solely by batteries and driven by students. The vehicle will be developed using sound engineering principles and prototyping evaluations. This will be a hands-on learning environment for those students ready to utilize their engineering coursework for application. Students are required to attend the Square One Education Network competition at the completion of the course.
College Prep Engineering 7581 & 7582

Grades: 11-12

Two Semesters: 4 transferable college credits (1 High School credit)

Prerequisite: Successful completion Mechatronics I and Mechatronics II, or successful completion of Intro to Engineering or Computer Integrated Manufacturing.

This course introduces the student to the engineering design and problem-solving process through engaging, interdisciplinary, team-based design projects, as well as individual assignments. Professional skills/attributes such as oral and written communication, innovation, tolerance for uncertainty/ambiguity, risk management, social awareness, and professional ethics will be investigated and practiced. This is a dual-enrollment course, which may require students to attend sessions that extend past the traditional school day.
Health Science
Health Sciences - A general, introductory program in health services occupations that prepare individuals for either entry into specialized training programs or for a variety of concentrations in the allied health area.

**Certified Patient Care Technician**

*7637 & 7638*

**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Successful completion of Medical Foundations with at least 80%, completion of all clinical skills in Medical Foundations, and instructor approval.

This course provides instruction in Patient Care Technician knowledge and skills using computer software, classroom discussion, and skilled labs. Topics include compliance, safety, professional responsibility, infection control, patient care, phlebotomy, and EKG. Upon completion, students will be eligible to demonstrate competence on a national certification examination for Certified Patient Care Technician.

**Medical Foundations**

*7617 & 7618*

**Grades:** 10-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Biology

Medical Foundations I will focus on the health science standards and introduce students to the knowledge and skills required of professionals in the health care field. Students will build a foundation of basic patient care skills and an understanding of healthcare delivery systems, medical terminology, basic anatomy and physiology, legal and ethical responsibilities, workplace safety, and infection control principals. Students will also learn about various health care communication and technology, patient client status, wellness, and clinical skills along with various disease processes. As a technical education course, students will focus on career readiness to prepare them for the medical field.

Course Note: Upon completion of this course, students are encouraged to enroll in Medical Foundations II (pending board approval)

**Medical Field Study**

*7631 & 7632*

**Grades:** 12  
**Two Semesters:** 1 credit  
**Prerequisite:** Medical Foundations and Completed Application

This course is designed to provide practical application to many of the concepts learned in Medical Foundations, and to introduce students to new skills required of healthcare professionals. Students will gain experience in a healthcare facility to enrich their knowledge of and skills required for careers in the Health Sciences CTE pathway. Students will be in the field Tuesday, Wednesday, and Thursday with classroom discussions and portfolio work on Fridays. Course Note: This course is only offered during 7th hour. Students must provide/arrange for their own transportation to and from placement. Class size is limited, so application must be printed out, signed, and turned in with the scheduling sheet prior to the deadline.
**Emergency Medical Technician (EMT)**

*Grades: 12*

*Two Semesters: 2 credits (block)*

*Prerequisite: Medical Foundations and Completed Application*

This program is an intense study of the human body and emergency medical treatment required outside the hospital setting. Students will receive intensive hands-on instruction in anatomy and physiology, emergency first aid, bleeding control, shock, cardiac arrest management, airway management, and patient treatment at accident scenes. Students will be required to do clinical training in a hospital emergency room and an ambulance service. Upon successful completion of the program through written, practical, and clinical performance objectives established by the Michigan Department of Consumer & Industry Services, students will be eligible to take the EMT - Basic National Registry Emergency Medical (NREMT) exam to become an Emergency Medical Technician.
Physical Education

In an effort to provide flexibility for students working to meet their Michigan Merit Health and Physical Education (HPE) curriculum and graduation requirements, the Health and Physical Education Department has developed the following course options. Students must take one A & one B course.

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**9/10 Health**

*Grades: 9-10*

*One Semester: ½ credit*

*Prerequisite: none*

9/10 Health will concentrate on decision making skills that have the potential to impact their health and wellness. Awareness and knowledge about current health issues and their consequences will be presented. Students will use the decision making process to assess their health choices. This course includes Oxford’s Reproductive Health Education curriculum, an abstinence based program, which meets the Michigan Legislation (MCL380.1507, 308.1507b, 380.1169). Assessments will include various projects and a comprehensive final exam.

**9/10 Fit 4 All**

*Grades: 9-10*

*One Semester: ½ credit*

*Prerequisite: none*

9/10 Fit 4 All will be focused on the student’s physical activity level while creating an environment that fosters the student’s knowledge of health related physical fitness activities. This class will incorporate a social environment where students will feel supported in their abilities while learning how important physical activity is for their overall health. Students will participate in a variety of fitness training/components that are considered activities they will be able to participate in throughout their life. Units of instruction will cover fitness, HITT, yoga, weight training and aquatics. There will be an opportunity for other fitness training methods to enhance their journey to living a healthy active lifestyle.

According to the Michigan Merit Curriculum, all students are required to have ½ credit in health and ½ credit in PE. Incoming freshmen or sophomores should select a MYP yearlong class; 1 semester in health and 1 semester in physical education. We want students to feel comfortable and enjoy their experience in physical education, therefore, they may choose the track of physical education that best suits their interests.
9/10 Lifetime Activities
Grades: 9-10
One Semester: ½ credit
Prerequisite: none

9/10 Lifetime Activities will be focused on the student’s physical activity level while creating an environment that fosters the student’s knowledge of life-long recreational and physical activities. This class will incorporate a social environment where students will feel supported in their abilities while learning how important physical activity is for their overall health. Students will participate in individual, dual and team activities that are considered activities they will be able to participate in throughout their life. Units of instruction will cover fitness, rhythmic/dance, volleyball, tennis, and aquatics. There will be an opportunity for other team sports to be introduced to enhance their lifetime recreational experience.

According to the Michigan Merit Curriculum, all students are required to have ½ credit in health and ½ credit in PE. Incoming freshmen or sophomores should select a MYP yearlong class; 1 semester in health and 1 semester in physical education. We want students to feel comfortable and enjoy their experience in physical education, therefore, they may choose the track of physical education that best suits their interests.

9/10 Team Sports
Grades: 9-10
One Semester: ½ credit
Prerequisite: none

9/10 Team Sports will be focused on the student’s physical activity level while creating an environment that fosters the student’s knowledge of life-long recreational and physical activities. This class will incorporate a social environment where students will feel supported in their abilities while learning how important physical activity is for their overall health. Students will participate in individual, dual and team activities that are considered activities they will be able to participate in throughout their life. Units of instruction will cover fitness, football, floor hockey, basketball and aquatics. There will be an opportunity for other team sports to be introduced to enhance their team sports experience.

According to the Michigan Merit Curriculum, all students are required to have ½ credit in health and ½ credit in PE. Incoming freshmen or sophomores should select a MYP yearlong class; 1 semester in health and 1 semester in physical education. We want students to feel comfortable and enjoy their experience in physical education, therefore, they may choose the track of physical education that best suits their interests.

Fit 4 All
Grades: 11-12
One Semester: ½ credit
Prerequisite: none

Fit 4 All is an advanced fitness class designed to help students learn to maintain a healthy active lifestyle. Everyone is welcome in this class whether it was a class taken as a 9/10 grader or whether you are new to the fitness game. This class will focus on the student’s physical activity level while encompassing an environment that fosters the student’s knowledge of health related physical fitness activities. This class will incorporate a social environment where students will feel supported in their abilities while learning how important physical activity is for their overall health. Units of instruction will cover fitness, HIT, yoga, weight training and aquatics. There will be an opportunity for other fitness training methods to enhance their journey to living a healthy active lifestyle.
**Lifetime Activities**

*Grades: 10-12*

*One Semester: ½ credit*

*Prerequisite: none*

Lifetime Activities class will be focused on the student’s physical activity level while creating an environment that fosters the student’s knowledge of life-long recreational and physical activities. This class will incorporate a social environment where students will feel supported in their abilities while learning how important physical activity is for their overall health. Students will participate in individual, dual and team activities that are considered activities they will be able to participate in throughout their life. Assessments will include physical fitness testing, skill/task analysis, and reflective writing assignments. Example units of lifetime activities include, but are not limited to, ultimate Frisbee®, disc golf, badminton, volleyball, tennis, Satryan Ball®, pickleball, track ball, eclipse ball, and outdoor recreation games (Baggo®, ladder ball, etc.).

**Lifeguard Training and Advanced Aquatics**

*Grades: 10-12*

*One Semester: ½ credit*

*Prerequisite: American Red Cross Advanced Level Certificate or Instructor’s approval and must be 15 years of age or older.*

Lifeguard Training is an advanced class and is physically demanding. Students will be required to take a pretest in order to continue with this class. This course develops students swimming skills related to saving lives as well as muscular and cardiovascular endurance. Included in lifeguarding class are emergency life-saving skills, full CPR/AED course, lifeguard training, waterfront lifeguard training, and standard first aid. Student assessments will follow the American Red Cross Lifeguard program which includes physical skills and a comprehensive written exam which require a minimum grade of 80% to receive certification. There is a class fee of $50.00.

**Team Sports**

*Grades: 10-12*

*One Semester: ½ credit*

*Prerequisite: none*

Team Sports class will be focused on the student’s motor skills while encompassing their knowledge of different sports. Students will participate in individual and team sports activities. Students will be involved in various sports activities and basic physical fitness. Assessments will include physical fitness testing, skill/task analysis, and writing/reflecting assignments. Example units in team sports include, but are not limited to, football, basketball, floor hockey, volleyball, soccer, and badminton.
**Swim and Gym**

Grades: 10-12
One Semester: ½ credit
Prerequisite: none

Swim and Gym will spend 2 days in the gymnasium and 2 days in the pool. Students will experience different sport activities in both the pool and in the gymnasium along with basic stroke development (American Red Cross Level 4). Students will have a voice in their curriculum that can enhance their experience in team and individual activities. Assessments in the pool will follow the American Red Cross swim tests. Assessments in the gymnasium will include physical fitness testing, skill/task analysis, and reflective writing assignments.

**Weight Training & Fitness**

Grades: 10-12
One Semester: ½ credit
Prerequisite: none

Weight Training and Fitness is an advanced class that will provide students with the knowledge and proper fundamentals of lifting weights and fitness. This course will begin with basic weight lifting principles and conclude with advanced instructional training. Students will not only look at muscular strength and endurance but work at increasing their cardiovascular fitness and flexibility levels. Students will also learn about different sporting activities that have the ability to increase their fitness levels. Units of instruction and assessments will include fitness testing, muscles of the body, written assignments including reflections, keeping a weight lifting tracking/journal, and the development and demonstration of their own personal training regimen.

**Emerging Health Issues**

Grades: 11-12
One Semester: ½ credit
Prerequisite: none

Through health education, students learn to obtain, interpret, and apply health information and services in ways that protect and promote personal, family and community health. Students will address various health promotion and disease prevention concepts and principals to personal, family, and community health while learning to access valid health information. Students will identify appropriate health promoting products and services, practice health behaviors and reduce health risks. In addition, students will demonstrate advocacy skills for enhanced personal, family, and community health. This course includes Oxford’s Reproductive Health Education curriculum, an abstinence based program, which meets the Michigan Legislation (MCL380.1507, 308.1507b, 380.1169). Assessments will include various projects and a comprehensive final exam.
Language and Literature (Language Arts)

Language Arts A: Course Sequence Flow Charts

**General Language Arts Sequence**

- **FRESHMAN**
  - Language Arts 9
- **SOPHOMORE**
  - Language Arts 10
- **JUNIOR**
  - Language Arts 10
  - Language Arts 11
- **SENIOR**
  - Language Arts 11
  - Language Arts 12
  - AP English Literature
  - AP English Literature
  - IB English HL 1
  - IB English HL 2
Language Arts 9  
Grades: 9  
Two Semesters: 1 credit  
Prerequisite: none  
NCAA DI Academic Standard

Students in ELA 9 will continue with the International Baccalaureate Middle Years Programme, with a strong focus on the concept of “Coming of Age”. Throughout the two semesters, students will be graded using standards set forth by both the IB criteria, as well as Common Core State Standards to ensure college and career readiness. Instruction will cover all areas of English Language Arts: reading, writing, speaking, and listening. It is crucial for students to be active participants in all areas. Students will read a variety of fiction and non-fiction writings, but main works of study include: Tim Burton's cinematic techniques, Harper Lee’s to Kill a Mockingbird and William Shakespeare’s Romeo and Juliet. Grammar, vocabulary, and research skills will be taught in conjunction with the units of study. Independent reading will be a requirement for this class as well.

Language Arts ESL 9  
Grades: 9  
Two Semesters: 1 credit  
Prerequisite: Freshman Class Standing, EL Identification and a WIDA Score of 4.0 to below

This course introduces students to basic structures and vocabulary of the English language through the skills of reading, writing, speaking and listening. Students learn strategies in order to advance these skills in English and develop academic language. They utilize level-appropriate communication skills in order to analyze informational and literary texts, including short story, autobiography, and poetry. In addition, students work with basic sentence and essay structure to compose complete sentences, a standard paragraph, and short content-based essays. Spelling, vocabulary, and grammar are regular components of the class. Students also develop speaking and listening skills, as they discuss concepts in class and present information orally. All skills will be taught with language ability in mind and through a sheltered instruction framework. This course is taught by an ESL certified teacher.

Language Arts 10  
Grades: 9-10  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Language Arts 9  
NCAA DI Academic Standard

English Language Arts 10 is the concluding year of the International Baccalaureate Middle Years Programme. The course is designed to meet the state's Common Core standards, the college readiness standards, and the IB criteria. Students' reading, writing, speaking, and listening experiences are centered around cultural themes. Multiple fiction and non-fiction passages are read as well as the novel Things Fall Apart, by Chinua Achebe, and the Greek play Antigone, by Sophocles. Students continue to strengthen research and writing skills by using provided technology to carry out multiple composition tasks. Grammar, usage, and mechanical accuracy are emphasized throughout each unit of study.
**Language Arts 11**

Grades: 10-11  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Language Arts 9 and Language Arts 10  
NCAA DI Academic Standard

In this two-semester course, students explore concepts that have formed American thought and conversation as it has evolved since the nation’s beginning. Students read foundational works of American non-fiction, ranging from Lincoln’s "Second Inaugural Address," "The Declaration of Independence," essays by Emerson and Thoreau, and poetry by Langston Hughes to lengthier works that include a drama by Arthur Miller and modern novels by Zora Neale Hurston and Jon Krakauer. Skills of the course involve close reading of texts, analysis of author’s craft and purpose, ability to choose and cite textual evidence, and acquisition and refinement of vocabulary, grammar, and research concepts. Such skills will be assessed in formal and informal writing, in impromptu speaking and prepared presentations, and in selection quizzes or tests over readings and discussions. By working toward the aims of this class, students have opportunities to gain college and career readiness and to prepare for the English Language Arts sections of the SAT.

**Language Arts 12**

Grades: 12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Language Arts 9 through 11  
NCAA DI Academic Standard  
*See Counselor for Blended Learning option

In this two-semester year-long course, students focus on critical perspectives in how they read and interpret texts, events, and real life situations. Students examine how the critical lenses of Literary Theory influence the way we define truth. Students will study a variety of theories that may include Reader Response, Cultural, Archetypal, Feminist, Marxist, and Historical Critisms. Texts read during the year may include: Shaun Tan’s The Arrival, George Orwell’s 1984 or Aldous Huxley's Brave New World, George Bernard Shaw’s Pygmalion, Marjane Satrapi’s Persepolis, William Shakespeare’s Othello, and Malcom Gladwell’s Outliers. Skills of the course involve close reading of texts, analysis of author’s craft and purpose, ability to choose and cite textual evidence, and acquisition and refinement of vocabulary, grammar, and research concepts. Such skills will be assessed in formal and informal writing, in impromptu speaking and prepared presentations, and on selection quizzes or tests. By working toward the aims of this class, students have opportunities to gain college and career readiness.
**Advanced Placement English Language and Composition** 4887 & 4888

Grades: 10-11  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Language Arts 10  
NCAA DI Academic Standard

This course is designed to prepare students to write fluently in college composition courses. Emphasis is also on preparing students to take and pass the AP Language and Composition Exam in May. Students examine a variety of texts—mainly non-fiction— to understand an author’s purpose, audience, rhetorical strategies and techniques. Besides crafting numerous expository, argumentative, and analytical papers, students learn to read critically both primary and secondary sources and practice synthesizing ideas from these sources in their own compositions; MLA documentation of sources is a major component. As this course demands rigor in reading and writing, students must enroll with maturity, ability to remain organized, competent writing skills and knowledge of grammar, and especially willingness to accept constructive criticism of written work.

**Advanced Placement English Literature and Composition** 4881 & 4882

Grades: 12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Language Arts 11 or AP English Language and Composition and/or instructor approval signature.  
NCAA DI Academic Standard

This course is designed to prepare students to write fluently in college literature classes. Emphasis is also on preparing students to take and pass the Advanced Placement English Literature and Composition exam in May. Students taking this course must display academic maturity to maintain the rigor and autonomy this reading intensive curriculum demands. Students will read purposefully and extensively, analyzing the complexity and richness embodied in literary forms including fiction, drama, and poetry. A firm grasp of writing tenets will assist students in composing with increasing stylistic complexity and voice. Frequent discussions and writing practice are crucial for students to revise and extend their learning as well as achieve independence as critical, perceptive, discerning readers and writers of literature.
**IB English HL I**

*Grades: 11*
*Two Semesters: 1 credit*
*Prerequisite: Instructor Approval*
*NCAA DI Academic Standard*

IB English HL I as the first of a two-year requirement in Group 1 (Language A) of the IB Diploma Programme, this course encourages students to appreciate the artistry of literature and fosters their ability to reflect critically on their reading by engaging in close analysis. An emphasis is on the artistic elements of literature, cultural and universal perspectives, and refining skills of public speaking and analytical writing. A primary goal of this course is for students to form and support literary judgments about a text in extended analysis. Literary units expose students to novels and plays from around the globe—including Europe and the United States—broadening awareness of cultural distinctions as well as human interconnectedness. Assessments will include quizzes/tests, formal and informal essays, and oral presentations as well as maintenance of a Learner Portfolio that tracks students’ learning and reflection and will carry over in to Year Two of the course. Primary objectives of this course are the following: gaining knowledge and understanding of individual literary works as representative of genre and/or period; substantiating and justifying ideas with relevant extracts from chosen texts; and choosing an effective register and style in well-organized written and oral communication.

**IB English HL II**

*Grades: 12*
*Two Semesters: 1 credit*
*Prerequisite: IB English HL I*
*NCAA DI Academic Standard*

This course is a continuation of the previous year’s IB English HL I course. Students will take part in two units examining texts through the lenses of time and space, intertextuality, and readers, writers and texts. The two units contain 7 works which will prepare them for their final Programme assessments. These units include detailed study of poetry, rhetorical and dramatic works, as well as an in-depth study of the novel. The requisite Diploma Programme Reader's Portfolio remains a requirement of this course, as it is externally moderated by IB. In year two, students will know, understand, and interpret: a range of texts, works, their meanings and implications, as well text features, stylistic technique of the works. Students will also examine the ways in which the use of language creates meaning, and the ways in which the text may offer perspectives on human concerns.
Writing for Publications: Newspaper I 4716 & 4717

Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

The Introduction to Newspaper course introduces students to the skills needed to write news, feature, and editorial articles in journalistic style. Students will be responsible for providing the school with bi-monthly publications of the student newspaper, The OHS Press. Students will study the history of journalism and the publishing process, as well as explore many career-related fields such as advertising, photography, reporting, editing, and writing. This course is a pre-requisite for Advanced Newspaper. Candidates should be self-motivated and have above-average writing skills. All students should be aware that writing is a major portion of the assessments for this class. This course does not count as an English credit toward graduation requirements.

Writing for Publications: Newspaper II 4718 & 4719

Grades: 9-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Writing for Publication: Newspaper I

The Advanced newspaper course is for students who have successfully completed Intro to Newspaper or Advanced Newspaper who wish to continue contributing to the staff in more of a leadership role (this course can be taken for three years). Responsibilities will include but are not limited to mentoring Intro-level students, editing student writing, managing network folders and files, layout design, photography, etc. Interested candidates must demonstrate the ability to handle these additional responsibilities during their first year in the course and should submit an application for consideration two weeks prior to the registration deadline. This course does not count as an English credit toward graduation requirements.

Writing for Publications: Yearbook I 4736 & 4737

Grades: 9-12
Two Semesters: 1 credit
Prerequisite: Successful by application and instructor approval

Introduction to Yearbook is a course where students will learn to work as a team to practice and master the skills necessary to create, report, produce, market and publish The Wildcat yearbook. There are many roles and responsibilities for new enrollees. Students can enroll as page designers or photographers. Those who wish to design yearbook pages (layouts) should have above-average writing skills, be very reliable, and demonstrate the ability to learn fast and work independently. Photographers must tryout by submitting photographs for evaluation. Additionally, photographers must have a lot of availability before and after school. There are limited spaces for photographers. All interested candidates must complete a course application, submit a writing sample, and get the signature of a language arts teacher who can vouch for your writing abilities and dedication to your work. This course does not count as an English credit toward graduation requirements.
Writing for Publications: Yearbook II  
**Grades:** 9-12  
**Two Semesters:** 1 credit  
**Prerequisite:** By application and instructor approval

Advanced Yearbook is a course for students who have successfully completed Intro to yearbook or a year of Advanced Yearbook (this course can be taken for three years) and wish to continue contributing to the yearbook staff in a leadership role. Responsibilities will include mentoring news students and editing student work. Interested candidates must demonstrate the ability to handle these additional responsibilities during their first year in the course and should submit an application for consideration two weeks prior to the registration deadline. Additionally, Advanced Yearbook students will have opportunities to attend weeklong camps to learn the latest trends and methods for creating and managing the yearbook project. This course does not count as an English credit toward graduation requirements.

Functional Language Arts  
**Grades:** 9-12  
**Two Semesters:** 1 credit  
**Prerequisite:** IEP and/or caseload teacher approval

Students will work on sentence composition, reading fluency, comprehension and learning the different parts of a story as well as learning to identify with the characters, broaden vocabulary, learning to make inferences and predictions.

Supported Language Arts  
**Grades:** 9-12  
**Two Semesters:** 1 credit  
**Prerequisite:** IEP and/or caseload teacher approval

This class focuses on handwriting/cursive, sound-letter identification and sentence writing. Chapter books will be read as a class to focus on prediction, comprehension and drawing conclusions.
General Electives

**Categorical Life Skills**  
9641 & 9642  
*Grades: 9-12*  
*One Semester: ½ credit*  
*Prerequisite: IEP and/or caseload teacher approval*

This class helps students develop personal and social responsibility. The areas focused on are self-esteem, responsibility, relating effectively, problem solving and goal setting. This course may be taken for one additional semester for credit.

**Collegiate Transitions**  
1007  
*Grades: 11*  
*Two Semesters: ½ credit*  
*Prerequisite: none*

The SAT Prep course (Collegiate Transitions) is offered by Oxford High School to familiarize students with the new SAT test format, as well as to offer tips and strategies to ensure greater success when taking the SAT test in the spring. The course will cover the content areas of Reading, Writing, Grammar, and Math, and will work to prepare students to better handle test anxiety, time constraints, and various types of SAT standardized test items. (Emphasis is placed on strategies specific to the SAT Exam, as well as on raising students’ scores.)

**Functional Life Skills**  
9700 & 9701  
*Grades: 9-12*  
*One Semester: ½ credit*  
*Prerequisite: IEP and/or caseload teacher approval*

This class helps students develop personal and social responsibility. The areas focused on are self-esteem, responsibility, relating effectively, problem solving and goal setting. This course may be taken for one additional semester for credit.

**Personal Inquiry Project**  
9991  
*Grades: 10*  
*One Semester: ½ credit*  
*Prerequisite: none*

This sophomore elective is an ideal experience for post-high school preparation. Students self-select an area of interest and develop a responsible action while developing skills needed in the 21st century world. Students determine their own goals for the project and polish their inquiry (research) skills. This process allows students to develop deeper understandings through in-depth investigation and demonstrate the skills, attitudes and knowledge required to complete a project over an extended period of time. Past projects have included: Organizing a Free Girls Golf Clinic, Teaching yourself the art of Drawing and Gouache Painting, Exploring Sexism and Gender Stereotyping in Today’s Society, The Research and Surgical Removal of an Astrocytoma (brain tumor), The Positive Effects of Mindfulness Meditation, and Writing a Book.
**Academic Lab**

Grades: 9-10
One Semester: ½ credit
Prerequisite: Administrator or counselor approval

Academic Lab seeks to improve academic achievement of general education students by: (1) strengthening approaches to learning/executive functioning skills, (2) providing instruction targeted toward individualized areas of need, and (3) teaching skills/strategies to maintain progress in the general curriculum. Academic Lab is designed to proactively support progress in the general education curriculum by implementing strategies such as time management, organization, project planning, and previewing/reviewing/re-teaching core class content as appropriate. Emphasis is placed on supporting the core classes as well as developing good study habits to enhance independence and confidence, and improve executive functioning skills.

**Student Leadership**

Grades: 9-12
Two Semesters: 1 credit
Prerequisite: Application process and interview

This class is designed to act as the center of communication for student ideas, faculty, administration, and the Oxford School Community. This class requires students to have a desire to improve the school climate while developing their own leadership styles. The class will investigate different leadership styles, philosophies, and methods to apply strategies within different situations. Leadership projects include study of topics within the school and the community, service projects, and yearly school wide events. Students in this class will often be required to participate outside of the normal school day (evenings and weekends included). Fundraising will be involved as we are a self-funded class and receive no financial support for classroom materials and supplies. Students are required to submit an application, three teacher recommendations and be involved in a student led interview. Students who are accepted into leadership based on the criteria listed above, need to please understand that this elective course may not always fit your schedule. Therefore, not all students accepted will be given this course in their schedule.

**Student Mentorship**

Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Interview

According to Webster’s Dictionary, mentorship is defined as “a trusted counselor or guide”. This class is designed to act as the umbrella for students, clubs, faculty, administration, and the Oxford School Community to communicate ideas about how to bring about a positive culture. Students will be a peer mentors with a student (s) at Oxford High School. Students will work as Bully Busters at Oxford Middle School in additional to assisting several clubs and organizations to bring awareness to our community of Oxford. This class requires students to have a desire to improve the school culture while developing their own leadership styles. Students are required to submit three teacher recommendations and be involved in an interview with one of the class advisors. Students who are accepted into Mentorship based on the criteria listed above, need to please understand that this elective course may not always fit your schedule. Therefore, not all students accepted will be given this course in their schedule.
Study Skills
Grades: 9-12
One Semester: ½ credit
Prerequisite: IEP and caseload teacher approval

Study Skills seeks to improve academic achievement of students with an IEP by: (1) strengthening self-management/executive functioning skills, (2) providing specially designed instruction targeted toward individualized areas of need, and (3) teaching skills/strategies to maintain progress in the general curriculum. Study Skills is designed to proactively support progress in the general curriculum by implementing strategies such as time management, organization, project planning, and previewing/reviewing/re-teaching core class content as appropriate. Study Skills is a support class for students taking general education classes. Emphasis is placed on core classes as well as developing good study habits to enhance independence and confidence.

General Internship
Grades: 9-12
One Semester: ½ credit
Prerequisite: none

This course will allow any student to receive credit if they attend an internship or work experience for at least four hours per week. This unique experience will provide a working relationship between the student, school, and the community. It is an option for those who are interested in work-based course credit and often times this experience becomes a stepping stone to a lifetime career following a pathway chosen by the student. Specific course guidelines may be required. Please see your counselor for further information.

Post-Secondary Support Lab
Grades: 12
One Semester: ½
Prerequisite: Administrator or counselor approval

Post-secondary support lab is an alternative means of earning course credit. In order to become more successful learners, students are mentored by a certified teacher in note-taking, study skills and time management. Students should see their counselor to discuss graduation credit progress and if this course is a good fit.
IB Core I 7125 & 7126
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Required course for IB Diploma Candidates; Others may be admitted who are enrolled in a minimum of 2 IB DP courses

In this DP Programme required course, students will examine the aims and objectives of the course through a close examination of the central questions: What do we know? How do we know it? How do we justify that which we claim to know? By thinking of knowledge in terms of "Areas of Knowledge" (Math, Art, Natural Sciences, Human Sciences, Ethics, History,) and our acquisition of knowledge through many "Ways of Knowing" (Language, Reason/Logic, Memory, Perception, Emotion, Intuition, Belief, Creativity) we will navigate through four of six TOK Core Themes. To accomplish this, we will reflect on real-life events, the ideas of great thinkers, and various linking concepts and problems of knowledge. Assessment methods include Socratic discussions, formal writings, and the daily maintenance of a TOK journal. The final exam for this course is a draft essay which will be finalized and presented in IB Core II. For DP Candidates, this course includes the other two required elements of the IB Core: CAS and Extended Essay (EE). Following each TOK unit of study, there is an EE and CAS experience, both of which will culminate at the end of IB Core II. The three strands of CAS (Creativity, Activity, and Service) are tied in experiences over 18 months and demonstrated in a required 4-6 week project. Students will explore seven learner outcomes to support their personal and interpersonal development. The EE is a research paper of approximately 4,000 words that is externally assessed by IB. Non-DP students electing to take all three semesters will be required to complete a similar research essay. In the EE, students will select a DP subject area in which to explore a research question with the support of a Supervising teacher. Students will develop and be assessed on their research skills including academic search strategies, source evaluation, time management, argumentative writing, ethical research practices, and citations.

IB Core II 7127 & 7128
Grade: 12
Two Semester: 1 credit
Prerequisite: IB Core I

In continuation of the first year of the course, students will encounter the final four Big Questions of the curriculum: ‘How is our understanding of the world affected by the way it is represented?’ ‘Is our understanding of the world determined by our perspective?’ ‘How and why does knowledge develop over time?’ and ‘What makes someone an expert knower?’ Assessment methods include Socratic discussions, formal writings, and the daily maintenance of a TOK journal. The final exam for this course is a completed TOK Presentation. Following each TOK unit of study, there is an EE and CAS experience, both of which will culminate at the end of IB Core II. The three strands of CAS (Creativity, Activity, and Service) are tied in experiences over 18 months and demonstrated in a required 4-6 week project. Students will explore seven learner outcomes to support their personal and interpersonal development. The EE is a research paper of approximately 4,000 words that is externally assessed by IB. Non-DP students electing to take all three semesters will be required to complete a similar research essay. In the EE, students will select a DP subject area in which to explore a research question with the support of a Supervising teacher. Students will develop and be assessed on their research skills including academic search strategies, source evaluation, time management, argumentative writing, ethical research practices, and citations.
Online Coursework

**Online Lab**

*Grades: 9-12*

*One Semester*

*Prerequisite: Must be enrolled in an online class. Administrative & parent approval required.*

*Additional paperwork required.*

This is a required course for every student taking a non-credit recovery virtual course. A mentor contact assigned to the online lab will provide necessary guidance for the student to complete the virtual coursework. Weekly two-way mentor contacts are required for every student.

For a complete listing of online classes available to OHS students visit Oxford Virtual Academy website.
Mathematics

Math Requirements Flow Charts

General Math Sequence
(to meet MMC Requirements)

FRESHMAN

Algebra I

SOPHOMORE

Geometry or Applied Geometry

JUNIOR

Algebra II

SENIOR

Functions, Statistics, Trigonometry, Precalculus, AP Statistics
IB Math Applications I
Senior Math Elective

Algebra II A

Algebra II B

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Advanced Track Sequence #1
(to allow advance math course work and additional math electives and experience**)

- Geometry*

  *8th grade Algebra I with a grade of 78% or above

  **Student should consult with their counselor to determine if elective math selection will be considered 4th year math by the post-secondary institution of choice.
Advanced Track Sequence #2
(to allow advanced math course work and additional math electives.)

*7th Grade Algebra I with a grade of 78% or above. 8th grade geometry with a grade 78% or above
International Baccalaureate Diploma Programme
(to satisfy all requirements for the IB DP Programme)
Mathematics

Algebra I
Grades: 9
Two Semesters: 1 credit
Prerequisite: none
NCAA DI Academic Standard

Algebra I is the first course in higher level abstract mathematics that also teaches a connection to real-life problems. This class is designed to keep a steady pace that allows for coverage of required material and the opportunity to apply the material to real-world unpredictable situations. The focus is on learning the rules of algebra and working with linear equations. Particularly important is graphing linear equations, which connects algebra to geometry. Quadratic equations and functions are also studied and connected to real-life applications.

Algebra II
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: Demonstrate success in completing Algebra I and Geometry or take Geometry concurrently with instructor approval.
NCAA DI Academic Standard

This class is designed to keep a rigorous pace that allows for coverage of required material. Students taking this course have strong math skills and are willing and able to complete nightly homework assignments. The course focus is an in-depth study of many families of functions. While improving skills with the graphing calculator, students will study quadratic, polynomial, rational, probability, exponential, logarithmic, radical, statistical, and trigonometric functions. Many of the problems in the Algebra II course are designed to solve real-world unpredictable situations.

Algebra II A
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Algebra I and Geometry

This course covers the first half of Algebra II over 2 semesters. After reviewing linear equations and inequalities, the course focus is an in-depth study of many families of functions. While improving skills with the graphing calculator, students study quadratics and polynomial equations. Many of the problems solved in the Algebra II course are real-life applications. A student must register for both Algebra II Year 1 and Algebra II Year 2.

Algebra II B
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Algebra I and Geometry; if the student does not pass Algebra 2A, then they must enroll in Algebra 2A2

This course covers the second half of Algebra II over 2 terms and also covers additional topics. Successful completion of this course and Algebra II Year 1 is equivalent to the completion of Algebra II.
The course focus is an in-depth study of families of functions. While improving skills with the graphing calculator, students study quadratics and exponential equations, logarithm, radical and rational functions. Many of the problems solved in the Algebra II course are real-life applications.

**Geometry**

Grades: 9-10  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Algebra I or instructor approval  
NCAA DI Academic Standard

This class is designed to keep a steady pace that allows for coverage of required material and the opportunity to apply the material to real-world unpredictable situations. This course examines the relationships and properties of lines, surfaces and polygons. In addition, students learn to logically organize persuasive arguments through the study and development of proofs. Topics include parallel lines, congruent and similar triangles, transformations, polygons and their properties, area, 3 dimensional figures with their volumes and surface area, circles and their properties and coordinate geometry.

**Applied Geometry**

Grade: 10  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Algebra I or instructor approval

This course, although similar to geometry, is not as rigorous as a traditional geometry course. The course examines the relationships and properties of lines, surfaces and polygons. Students learn to logically organize persuasive arguments through the study and development of simple proofs. Topics include; parallel lines, congruent and similar triangles, transformations, polygons and their properties, area, volume and surface area of 3 dimensional figures, circles and their properties and coordinate geometry. After successful completion of this course, a student would be expected to take the two-year Algebra II course.

**Functions, Statistics and Trigonometry**

Grades: 10-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Algebra II  
NCAA DI Academic Standard

This course will provide additional support for students who struggled with Algebra 2 concepts. Concepts covered in this class include a unit reviewing basic skills in algebra and geometry, function notation, functions and graphs, statistics and linear functions. New concepts that will be covered include continuing studying functions related to exponential and quadratic, trigonometry and statistics. After successful completion of this course, a student would be expected to take Introduction to Advanced Mathematics.

**Precalculus**

Grades: 10-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Algebra II (B- or better)  
NCAA DI Academic Standard
This course has three basic goals: to help students develop a good understanding of several strands of mathematics, to show students how to integrate these strands as modeling for real-life problems, and to raise the student’s level of mathematical maturity. Major concepts are polynomial functions, exponential functions, logarithmic functions, and trigonometric functions. Functions and trigonometry are the focus of this course for two thirds of the year. The graphing calculator enhances understanding.

**Advanced Placement (AP) Calculus AB**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisite: Instructor Approval and successful completion of Precalculus (B or better)*

*NCAA DI Academic Standard*

This class is designed for students previously enrolled in Precalculus who are strong, independent, math students. This is the first year of Math HL which is a course that caters to students with a good background in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a major component of their university studies, either as a subject in its own right within courses such as physics, engineering and technology. Calculus is a demanding, college level course for students with strong math skills and the willingness to work. Calculus stands as the gateway to higher mathematics and to applications in the fields of physics, biology, chemistry, business, economics, and statistics. Students will become skilled in graphical analysis, differentiation, integration, and the proper application of these skills along with a working knowledge of the TI-89 graphing calculator. This calculus course satisfies the criteria of AP Calculus AB. Students may elect to pay a fee and take the Advanced Placement Test to earn possible college credit.

**Advanced Placement (AP) Calculus BC (pending Board approval)**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisite: AP Calculus AB and Instructor Approval*

*NCAA DI Academic Standard*

This course caters to students with a strong background in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expecting to include mathematics as a major component of their university studies, either as a subject in its own right or within courses such as physics, engineering and technology. Others may take this subject because they have a strong interest in mathematics and enjoy meeting its challenges and engaging with its problems. BC will focus on advanced math topics such as polar coordinates, vectors, and Taylor and MacLaurin Series. At the end of the year students can take the AP Calculus BC exam for college credit.
**Advanced Placement (AP) Statistics**  
*GRADES: 10-12 (Can be taken as an additional elective for 10th-12th grades*  
Two Semesters: 1 credit  
Prerequisite: Algebra II  
NCAA DI Academic Standard  
*See counselor for Blended Learning option*

Statistics is a demanding, college level course for students with strong math skills and the willingness to work. Statistic strands have applications in almost every field of study; especially in social sciences (psychology, sociology, economics, business, etc.) and sciences (physics, biology, chemistry, etc.). Students will have a “hands-on” experience as they take samples and generate their own statistics from their data. Material and probability is used to generalize what happens to a larger group. An excellent course for every college bound student, especially non-math majors. Students may elect to pay a fee and take the Advanced Placement Test to earn possible college credit.

**IB Mathematics: Analysis & Approaches I**  
*GRADeS: 11-12*  
Two Semesters: 1 credit  
Prerequisite: Algebra II  
NCAA DI Academic Standard

Analysis and approaches is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This course is intended to prepare students for a career in engineering, mathematics, theoretical science, physics, chemistry, economics or business administration. This course focuses more on advanced mathematical topics such as calculus. At the conclusion of this course, students will select whether to pursue Analysis and Approaches at standard or higher level.

**IB Mathematics: Applications & Interpretations I**  
*GRADeS: 11-12*  
Two Semesters: 1 credit  
Prerequisite: Geometry  
NCAA DI Academic Standard

Applications and interpretation is designed for students who enjoy describing the real world and solving practical problems using mathematics; those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics. This course is intended to prepare students for a career in social sciences, humanities, languages, experimental science, biology, economics, business administration or arts. At the conclusion of this course, students will select whether to pursue Applications and Interpretation at standard or higher level. This course will also meet state requirements for Algebra II for those students who require it.
Categorical Math A  
9611 & 9612
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: IEP and/or caseload teacher approval

Focuses on math skills, such as, addition, subtraction, money identification, telling time and calendar. Students use various techniques to learn these skills, for example, computer programs with teacher assistance, worksheets and small group or one on one lessons.

Functional Math A  
9615 & 9616
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: IEP and/or caseload teacher approval

Reviews the concepts learned in “Categorical Math” and deepens student knowledge of their math skills as it relates to real-world situations such as: rounding to the next dollar, making change, calculating hours and minutes related to a time sheet, calculating gross pay, budgeting, sales tax, calculation of tip and reading and understanding coupons. Students use various techniques to learn these skills, for example, computer programs with teacher assistance, worksheets, community based instruction experiences and small group lessons.
Determined by your prerequisites, these courses are available during your entire high school career:

AP Physics - AP Biology - IB Physics - IB Biology - Astronomy - Forensic Science I & II - Human Anatomy & Physiology - Zoology / Botany - Health Sciences (See CTE)
Science Flowchart Class of 2023

Determined by your prerequisites, these courses are available during your entire high school career:
AP Physics - AP Biology - IB Physics - IB Biology - Astronomy - Forensic Science I & II - Human Anatomy & Physiology - Zoology / Botany - Health Sciences (See CTE)
Determined by your prerequisites, these courses are available during your entire high school career:

- AP Physics
- AP Biology
- IB Physics
- IB Biology
- Astronomy
- Forensic Science I & II
- Human Anatomy & Physiology
- Zoology / Botany
- Health Sciences (See CTE)
Science Courses

**Biology**
Grades: 9
Two Semesters: 1 credit
Prerequisite: none
NCAA DI Academic Standard

This course is designed to meet the national standards for biological education. This course includes organization and development of living things; including molecular, biochemical, and physiological properties. Evolution; natural selection and biodiversity theories and evidence. Genetics; including heredity, cellular division, nucleic acid and protein synthesis behavior. Ecology; ecological studies and how living things interact with the environment. This course is designed to include scientific inquiry and reflection to increase science processing skills.

**Chemistry**
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Biology I
NCAA DI Academic Standard

This course will fulfill the state chemistry or physics curriculum requirement. This is a prerequisite for students intending to take AP Chemistry, AP Biology, and Organic Chemistry. This course will include International System units, quantitative processes, atomic structure, chemical names and formulas, periodic relationships, chemical reactions and quantitative analysis, gas laws, acids, bases, solutions, thermochemistry, nuclear chemistry, and equilibrium.

**Organic Chemistry**
Grades: 11-12
Two Semesters: 1 credit
Prerequisites: Chemistry (not Essentials of Chemistry) and Geometry
NCAA DI Academic Standard

This course will focus on the variety of functional groups within the organic chemistry world. Students will be able to recognize, name, and draw structures for thousands of organic compounds. Students will also be able to predict the typical reactions of all organic functional groups. Additional topics in biochemistry such as carbohydrates, lipids, proteins, and nucleic acids will be studied. Significant experience in organic labs will also be emphasized. This course is highly recommended for students interested in physical sciences, biological sciences, engineering and medical careers.
**Physical Science Physics**

Grades: 10-12  
One Semester: ½ credit  
Prerequisite: none  
NCAA DI Academic Standard

This semester long course may be taken in any order or sequence by the student. Topics include; types of energy and energy transformations, one-dimensional motion, forces, electricity and magnetism as well as light and its properties. This course does not fulfill the state physics requirement. This course is NOT recommended following successful completion of Physics.

**Physics**

Grades: 11-12  
Two Semesters: 1 credit  
Prerequisite: Geometry and Algebra II (can take Algebra II concurrently)  
NCAA DI Academic Standard

In this course, students will investigate the physics of everyday activities such as driving, sports, music, amusement park rides, electrical power, and many other events. This class will help students develop logical methods of problem solving, familiarize the students with scientific terminology, develop laboratory investigation skills, and deepen their understanding of the world around them. The concepts covered in this course include: measurement; matter and energy; forces and motion; work and power; sound; and light; electricity and magnetism. This course will fulfill the state chemistry or physics curriculum requirement.

**Astronomy**

Grades: 11-12  
One Semester: ½ credit  
Prerequisite: Algebra I and successful completion of freshman and sophomore science

Do you wonder where stars and planets come from? Is the universe really expanding? This is a survey course of the topic of Astronomy. Part history, part science, and part mathematics, this course delves into the historical roots of the studies of the stars, from ancient civilizations to the laws of planetary motion and large-scale physics. Students in this class will study Earth-bound phenomena, measuring the skies, a history of early astronomy, notable astronomers and physicists, light and telescopes, the solar system, the life cycles of stars, and modern astrophysics. During this course, students can be expected to sharpen their skills in reading, research, writing, spatial awareness and reasoning, and mathematics. Students can expect to participate in individual, partner, and small group projects - that range from recreating ancient astronomical sites to researching modern astrophysics topics - over the course of the semester.
Forensic Science I 6301
Grades: 10-12
One Semester: ½ credit
Prerequisite: none
NCAA DI Academic Standard

Would you like to know how they solve the crimes on CSI? This course is a hands-on, lab-based class. Topics include: evidence collection; crime scene photography; hair, fiber and textile analysis; fingerprints and collection; glass evidence and crime scene scenarios. Tests will be traditional and analysis of simulated crime scenes.

Forensic Science II 6302
Grades: 10-12
One Semester: ½ credit
Prerequisite: successful completion of Forensics I
NCAA DI Academic Standard

Does “The Bug Guy” Dr. Gil Grissom, from CSI fascinate you? Would you like to be able to determine the time of death for your victim? This course is a hands-on, lab-based class. Topics include: blood spatter analysis; drug identification and toxicology; handwriting analysis; cause of death determination; forensic anthropology (bones and tool marks); and entomology. Some topics in this course may be disturbing due to content (cause of death determination and/or entomology). Tests will be traditional and analysis of simulated crime scenes.

Human Anatomy and Physiology 6822 & 6823
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Biology
Recommended: Chemistry
NCAA DI Academic Standard

Human Anatomy and Physiology is an investigative and hands-on laboratory based two-semester course that will cover the basic structure and functions of the human body. This course emphasizes a body systems approach covering each system's anatomical and physiological characteristics while demonstrating how each system contributes to maintaining homeostasis in the human body. The student will understand the organization of the body by studying the structure and function of cells, tissues, organs, and organ systems. The student will also become familiar with the skeletal, muscular, integumentary, circulatory, respiratory, digestive, excretory, nervous, immune, endocrine, and reproductive systems. This course is well suited for the student who has an interest in pursuing a career in the health science and medical related fields. There will be numerous hands on activities, labs, experiments, and dissections, such as but not limited to neuromuscular response, brain, eye, heart, kidney, and bone dissections. Human diseases, nutritional health, medical tests, and health care career information will be included in the curriculum.
Zoology/Botany  
**Grades:** 10-12  
**Two Semesters:** 1 credit  
**Prerequisite:** none  
**NCAA DI Academic Standard**

This course is an introduction to the plant and animal kingdoms. We explore the major phyla of each kingdom. Focus is placed on how animals and plants carry out the nine essential functions of living things. This course includes numerous dissections of preserved specimens, research projects on various species as well as an exploration of zoology/botany related careers.

Advanced Placement (AP) Biology  
**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Biology and Chemistry  
**NCAA DI Academic Standard**

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The goal of the course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The course focuses on the following general areas: the process of evolution drives the diversity and unity of life; biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis; living systems store, retrieve, transmit, and respond to information essential to life processes; biological systems interact, and these systems and their interactions possess complex properties. The course also has an emphasis on science skills and practices which will be demonstrated through a significant amount of laboratory work. Students may take the Advanced Placement Examination to qualify for college credit.

Advanced Placement (AP) Chemistry  
**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Chemistry  
**Recommended:** Calculus is strongly recommended prior or concurrent  
**NCAA DI Academic Standard**

Intensive study of topics normally presented at a college level for chemistry majors or others pursuing a science or medical degree. A strong math background is highly recommended. Topics include: atomic structure, thermochemistry, gases, bonding, solutions, reaction rates equilibrium, acid/base, qualitative analysis, oxidation/reduction, nuclear chemistry, organic chemistry via spectroscopy, inorganic chemistry, and biochemistry. Students may take the Advanced Placement Examination to qualify for college credit.
**Advanced Placement (AP) Physics**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisites: Physics and Precalculus (or concurrent with teacher approval)*

*NCAA DI Academic Standard*

This course will continue the study of Physics I, but at a much deeper level, and serve as excellent preparation for future engineers, scientists and mathematicians. Students can earn up to five credits of calculus-based college physics with successful completion of the College Board’s AP Physics Exam in May. This course will focus on the ideas presented in Newtonian Mechanics including: forces and motion, work, power, energy, momentum and collisions, rotational motion, gravitation, and simple harmonic motion. Concurrent enrollment in AP Calculus is strongly recommended, but not required.

**IB Biology HL I (Year 1)**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisites: Biology, Chemistry*

*NCAA DI Academic Standard*

This is the first year of a two year course that will focus on an in-depth understanding of biological systems including extensive laboratory work. This intensive program takes an inquiry based approach to applying the scientific method. Upon completion of the course, students will be expected to: construct explanations of biological phenomena, communicate logically and concisely, utilize a variety of technology to analyze and evaluate data, and collaborate with peers to solve qualitative and quantitative problems. Students will be assessed both internally and externally according to IB criteria. The internal assessment focuses on laboratory investigations performed independently and assessed by both the teacher and IBO and includes lab work performed during both the junior and senior year. Topics of study will include: the chemistry of life, cell respiration and photosynthesis, cells, nucleic acids and proteins, genetics, ecology and evolution.

**IB Biology HL II (Year 2)**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisite: IB Biology HL I or AP Biology*

*NCAA DI Academic Standard*

This is the second year of a two year course that will focus on an in-depth understanding of biological systems including extensive laboratory work. This intensive program takes an inquiry based approach to applying the scientific method. Upon completion of the course, students will be expected to: construct explanations of biological phenomena, communicate logically and concisely, utilize a variety of technology to analyze and evaluate data, and collaborate with peers to solve qualitative and quantitative problems. Students will be assessed both internally and externally according to IB criteria. The internal assessment focuses on laboratory investigations performed independently and assessed by both the teacher and IBO and includes lab work performed during both the junior and senior year. Topics of study will include: the chemistry of life, cell respiration and photosynthesis, cells, nucleic acids and proteins, genetics, ecology and evolution.
IB Physics I 6901 & 6902
Grades: 11
Two Semesters: 1 credit
Prerequisite: Successful Completion of Algebra II
NCAA DI Academic Standard

Physics is the study of matter, energy, and the interaction between objects. This advanced physics course will build a foundation of critical thinking, investigation techniques, and problem solving skill that leads to a better understanding of the world around us. Throughout the course of IB Physics students will help develop interpersonal skills, manipulative skills, analytical skills, and an appreciation and ability in the entire scientific process. Problem solving will not require calculus, however, a strong background in mathematics is strongly encouraged. The first year of IB Physics will cover the following topics: measurement and uncertainty, motion, forces, gravitation, work, energy, power, momentum, collisions, oscillations and waves, and thermal physics.

IB Physics is a two-year course that will prepare students to be successful in IB Diploma Programme Physics and serve as great preparation for future engineers and scientists. This course can be used to satisfy the requirements of the IB Diploma Programme at either the standard or higher level. Upon successful completion of the course and adequate scores, Physics HL can earn a student up to 10 credits of college physics for future engineers and scientists.

IB Physics II 6905 & 6906
Grades: 12
Two Semesters: 1 credit
Prerequisites: Successful completion of IB Physics I or completion of Physics A/B with instructor approval to the prerequisites
NCAA DI Academic Standard

IB Physics II is a continuation of the first year of physics that will further prepare students to be successful in IB Diploma Programme Physics and serve as great preparation for future engineers and scientists. The second year of the two-year IB Physics course will continue to build on a foundation of critical thinking, investigation and lab techniques, and problem solving that leads to a better understanding of the world around us. Throughout the course of IB Physics students will help develop interpersonal skills, manipulative skills, analytical skills, and an appreciation and ability in the entire scientific process. This course will cover the following topics: fields, electricity and magnetism, electromagnetic induction, atomic, nuclear and particle physics, relativity, and energy production. Students who successfully completed Physics A/B and have a strong desire to learn more may elect to take this course even if they have not completed IB Physics I.
Individuals and Societies (Social Studies)

General Individuals and Societies Sequence
(to meet MMC requirements)

FRESHMAN

U.S. History

SOPHOMORE

U.S. Civics and Economics

JUNIOR

World History

SOPHOMORE, JUNIOR AND SENIOR

AP Comparative Government
AP Psychology
AP U.S. History
AP World History
Practical Law Psychology
Sociology
IB Psychology
IB History of Americas HL
IB 20th Century Topics HL
Accelerated Individuals and Societies
(to allow advanced social studies course work and additional Individuals and Societies electives)
International Baccalaureate Diploma Programme
(to satisfy all requirements of the IB DP Programme)
Individuals and Societies (Social Studies) Course

**United States History**  \( 8966 \) & \( 8967 \)

*Grades: 9*
*Two Semesters: 1 credit*
*Prerequisite: none*
*NCAA DI Academic Standard*

This course introduces students to the history of the United States from its emergence as a world power to the present day. The course divides the twentieth century chronologically into eras. Students learn to place major events of the century on a timeline and to analyze their cause and effect. Using primary and secondary sources, students explore time and place in the twentieth century. They compare conflicting accounts of the past and ex-press informed judgments, both orally and in writing, about significant events that shaped the nation. Using a variety of media, they compile, analyze, and present historical data. Within their historical study of twentieth century America, students deepen their understanding of major geographical themes and basic economic concepts. Students also study significant changes in American government.

**United States Civics**  \( 8432 \)

*Grades: 9-11*
*One Semester: \( \frac{1}{2} \) credit*
*Prerequisite: none*
*NCAA DI Academic Standard*

This course deepens students’ knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their understanding of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy.

**Economics**  \( 8752 \)

*Grades: 9-11*
*One Semester: \( \frac{1}{2} \) credit*
*Prerequisite: None*
*NCAA DI Academic Standard*

This course introduces the discipline of economics. The overarching problem of scarcity, unlimited human wants pursuing limited resources, is a focal point of the course. Students deepen their understanding of basic economic concepts and apply them to national and international problems. In addition to their study of macroeconomics, students study personal finance and business in a free market economy. They learn about the banking system, taxation, productivity, marketing and advertising. Using a variety of media, they compile, analyze and present statistical data pertinent to economic problems. Students use their economic knowledge to make informed decisions as consumers and to participate as citizens in deciding matters of economic policy.
World History 8934 & 8935
Grades: 11
Two Semesters: 1 credit
Prerequisite: none
NCAA DI Academic Standard

This course engages students in the study of the modern world through key benchmarks in human history. Students will examine the historical origins of each concept they study while considering its geographical, social, political and economic dimensions. Through reading, writing, and project based learning students are able to deepen their understanding of World History. Students will also be introduced and master the strategy C.A.P.P.S (Content, Audience, Point of View, Perspective and Significance) to identify primary sources. As a result of this course students will be able to obtain a functional and thorough understanding of the world in which they live.

Practical Law 8532
Grades: 10-12
One Semester: ½ credit
Prerequisite: None

Students learn to understand and participate effectively in our legal system. Curriculum includes case studies, current events, role-plays, mock trials, small group exercises, video clips, and law games. Students will recognize law as a tool to be used to resolve conflict and to promote positive change in our society. Topics: constitutional law, examination of the juvenile and criminal justice system, lawsuits, family disputes, business law, and rights and responsibilities in the workplace.

Psychology 8852
Grades: 10-12
One Semester: ½ credit
Prerequisite: none
NCAA DI Academic Standard

Students study individual development and identity, examine how people learn, perceive, behave, and grow. Examination of various behaviors enhances understanding of the relationship among social norms, merging personal identities, the influences of identity formation, and the principles underlying individual action. Topics of discussion include intelligence, personality theory, reacting and coping with stress, mental disturbances, altered states of consciousness, learning disabilities, motivation, and human development. Self-assessments and fascinating topical video clips will aid the learning experience.

Sociology 8702
Grades: 11-12
One Semester: ½ credit
Prerequisite: none
NCAA DI Academic Standard

Students comprehend how forces from their social lives influence their everyday behaviors and decisions. With this knowledge, students can better understand how and why society affects them thus allowing the student more control to create their desired social setting.
**Current Events**  
*Grades: 9-12*  
*Two Semesters: 1 credit*  
*Prerequisite: IEP and/or caseload teacher approval*

This course provides students with the opportunity to learn and discuss different events that are going on around them. Students will read articles from magazines, newspapers and online resources and discuss as a group what they have read. Students will have the opportunity to share their opinions and learn from others.

**Advanced Placement Comparative Government**  
*Grades: 11-12*  
*Two Semesters: 1 credit*  
*Prerequisite: none*  
*NCAA DI Academic Standard*

AP Comparative Government is a course designed to address the challenges and triumphs of a rapidly changing global world in the 21st century. This class will address fundamental political concepts such as power, equality, structure, and peace. This class will use a comparative approach to highlight the approaches and effectiveness of policies in countries outside of the United States. This course will use China, Mexico, Iran, Great Britain, Nigeria, and Iran as case studies for government systems. The study of global politics allows students to engage with different and new perspectives in order to understand the world around us and their role as a global citizen.

**Advanced Placement Psychology**  
*Grades: 10-12*  
*Two Semesters: 1 credit*  
*Prerequisite: none*  
*NCAA DI Academic Standard*

AP Psychology is designed to mirror an entry-level one semester college course and prepare students for the AP exam. An academic curriculum will include the systematic and scientific study of behavior and mental processes of human beings. Students are exposed to psychological facts, principles and experimentation that psychologists use in their research and methodology. Curricular topics include: history and approaches, research methods, biological behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, human development, personality, testing and individual differences, abnormal behavior, treatment of psychological disorders and social psychology. Students will participate in a variety of self-evaluations and group activities to explore these topics. Informative video clips will enhance the learning experience.
Advanced Placement (AP) United States History  8885 & 8886
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: Approval of instructor
NCAA DI Academic Standard

AP United States History is part of a cooperation program between high schools (Oxford High School) and the College Board. Students receive instruction in U.S. History equivalent to a full year college introductory course. Students also have the option of taking a comprehensive examination that could earn college credit. Students learn to assess historical materials and to weigh evidence and interpretations of U.S. History. The course has a mixture of text and outside readings that give the student broad perspectives based upon social, intellectual, economic, and political issues of the American past. Because the exam is prepared by the College Board and given at local high schools, course requirements will be completed the last week in April in order to prepare for the test. A digital summer assignment via Haiku is required for continued enrollment.

Advanced Placement World History  8891 & 8892
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Approval of instructor
NCAA DI Academic Standard

The Advanced Placement World History: Modern (WHAP) is a challenging full year course that explores from the year 1200 C.E. to the present day. WHAP is considered the equivalent of a semester college survey course in Modern World history (equal three credits). In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Because the exam is prepared by the college Board and given at local high schools, course requirements will be completed by the first week in May in order to prepare for the test. A digital summer assignment via Haiku is required for continued enrollment.
**IB Psychology SL**  
**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** none  
**NCAA DI Academic Standard**

In this course students are self-directed learners. Students will learn about cultural aspects of psychology and become involved in interesting activities and projects. Interesting video clips will be shown in class to fully understand real life experiences in psychology. Students will evaluate research in an ethical manner and get an understanding of biological, cognitive and socio-cultural influences on behavior. This will enable students to use critical thinking skills and gather data for research design. An elective topic (students’ choice) of abnormal or sport psychology will be covered and students will conduct a simple experiment and write an APA style report. In order to be successful in IB Psychology, a student should have the following attributes; motivated and dedicated to school work, self-directed learner, responsible, able to multitask and prioritize activities, make deadlines, proficient in reading, writing and interested in human behavior. The class is an excellent option for seniors that have completed AP Psychology.

**IB History of the Americas HL**  
**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** none  
**NCAA DI Academic Standard**

As the world becomes increasingly interdependent, the discipline of history is much more important in understanding the diverse cultures and societies of the globe. It is essential that candidates comprehend the past, in order to satisfactorily participating the social, political, economic, religious, technological and cultural issues of the present. The course will be divided into two years, with the first year being the regional study called History of Americas. In this course, study will focus on 20th century eras and the events of World War II, the Cold War and Civil Rights and Social Movements in the United States, Canada, and Latin America. All students are also required to complete the Internal Assessment research paper.

**IB 20th Century Topics HL**  
**Grades:** 11-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Instructor Approval  
**NCAA DI Academic Standard**

As the world becomes increasingly interdependent the discipline of history is much more important in understanding the diverse cultures and societies of the globe. It is essential that candidates develop an understanding of the past in order to satisfactorily understand the social, political, economic, religious, technological and cultural issues of the present. The course will be divided into two years, with the second year being the study of 20th Century Topics. In this course, students will examine the 20th century world history topics, specifically Causes and Effects of 20th Century Wars and the Cold War. Also in IB 20th Century Topics HL, students will examine a prescribed subject in 20th century world history centered on The Move to Global War.
Visual Arts Courses

**Advanced Drawing & Painting**

*Grades: 10-12*

*One Semesters: ½ credit*

*Prerequisites: Successful completion of Drawing II*

Artists will be challenged to create work that demonstrates exceptional composition and craftsmanship, while developing more expressive drawing techniques. An emphasis is placed on rendering objects that reflect the artist’s personal style through the completion of pieces using professional quality media such as, oils on stretched canvas, acrylic on canvas panels, watercolor on rough-toothed paper, and India ink on rice paper, among others. Finished pieces will be matted and presented with an oral critique, and each artist will self-evaluate to determine which work will be included in his/her portfolio. The portfolio may be used for entrance into colleges or summer art programs, as well as for competition in scholarship programs.

**Advanced Studio**

*Grades: 11-12*

*One Semester: ½ credit*

*Prerequisite: Successful completion of Advanced Drawing and Painting*

This class is designed for select artists who are developing a portfolio for competition and/or scholarship purposes. Instruction will include both directed and independent study with artists primarily working independently in class to create their own original works of art. The artists will select one or two techniques on which to focus the development of their skills. Students primarily focus on one subject and express themselves through drawing, painting, or sculpting, but other media could be considered per discussion with the instructor. By using a variety of media selected by the artist and instructor together, artists will be personally guided to success. Based on original ideas and viewpoints, the final collection will reflect each student’s skills, strengths, and knowledge, and will be on public display at the end of the semester. This course is intended for students who plan to pursue art as a career.

**Ceramics & Sculpture I**

*Grades: 9-12*

*One Semester: ½ credit*

*Prerequisite: none*

This course is about creating functional and creative pieces of art. Ceramics and sculpture will both be studied, with an emphasis on three-dimensional design elements and principles. Students will learn various methods of hand building techniques for pottery. The specific properties of clay will be explored and a refined sense of the medium will be developed by students as they study the concept of negative space to create projects that are equally developed and balanced. Other media such as wire, wood, and other objects will also be explored as sculpture material.
Ceramics & Sculpture II

Grades: 9-12
One Semester: ½ credit
Prerequisite: Successful completion of Ceramics and Sculpture

This course is a continuation of Ceramics & Sculpture I with students continuing to explore and develop their artistic skills to create 3-D works. By studying advanced techniques in pottery using both the potter’s wheel and hand building techniques, students will pursue the art of creating functional and creative forms. Students will draw heavily on their previous experiences in ceramics and the specific properties of clay. Other media such as wire, wood, and other objects will also be explored as sculpture material.

Design Concepts

Grades: 9-12
One Semester: ½ credit
Prerequisite: none

Design is the process of planning, organizing and creating a product that communicates. Design Concepts will show artists how to use the basic elements and principles of design such as repetition, movement, emphasis, and unity to create interesting works of art that speak to the audience. Artists will be using a wide variety of media such as, ebony pencil, markers, watercolor, wood sculpture and clay to discover their favorite method of expression. All levels of ability will be accepted with a focus on individual artist improvement.

Design in Materials

Grades: 9-12
One Semester: ½ credit
Prerequisite: Successful completion of Design Concepts or Ceramic & Sculpture I

This course focuses on methods of traditional crafting. Artists will learn time-honored methods of fine art crafting, while adding their own modern personality to each of the projects. The art is designed from a multi-cultural perspective, with decorative as well as functional use. Materials may include fiber, clay, reeds, pewter, and glass, among others. Projects may include: stained glass, Zen gardens, mandalas, ceramic vessels, and jewelry. The final project of the semester is one of the artist’s own choice, based on skills and knowledge attained in class.

Drawing I

Grades: 9-12
One Semester: ½ credit
Prerequisite: none

In this course, artists work on two-dimensional or flat pieces using ebony pencil, pen and ink, chalk pastels, black and white charcoal, and a variety of tools to draw from observation, photo references, and imagination. By completing a huge variety of traditional and nontraditional assignments, the artists will practice competency in visualization, composition, and realistic representation of different subjects in different styles. There are sure to be many projects students will find interesting and challenging. All levels of ability are accepted with a focus on individual improvement.
**Drawing II**  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Drawing I or Design Concepts

This course is for those artists interested in continuing study in two-dimensional media. Students will use the principles and elements of design to create complex artwork and improve artistic skills, with the freedom to reflect their own personalities in each piece. New and more sophisticated media such as, acrylic on pressboard, India ink on rice paper, and dry-on-wet watercolor, among other methods will be practiced. Time is allowed for the honing of each technique, so that the artist is satisfied with the results. Artists will use proper art vocabulary to effectively critique their work and the work of other students in an effort to stimulate a continuing exchange of ideas.

**Fibers & Metals**  
Grades: 10-12  
One Semester: ½ credit  
Prerequisite: Successful Completion of Design in Materials

This advanced course provides instruction for more sophisticated methods of various craft construction. Sufficient time is allowed for artists to form individual ideas on how to use techniques demonstrated to personalize their art work. As in Design in Materials, this course emphasizes the utilitarian aspect of the pieces. Artists will be trained in use of specific tools to create finished crafts that they may not have an opportunity to produce outside of the classroom.

**IB Visual Arts SL**  
Grades: 11-12  
Two Semesters: 1 credit  
Prerequisites: Instructor Approval

IB Visual Arts SL will help students develop a personal awareness of their role among fellow artists and community members, and within local and global societies. Students will apply subject specific concepts to execute personal compositions in a variety of media and techniques. Through research and studio production, students will develop their own artistic voice with which to visually communicate their perspective on issues of personal value. Artwork will reflect historical and cultural connections, and illustrate educational and environmental influences. Students will show evidence of the journey of development through regular entries culminating in an Investigative Workbook, detailing their inspiration, creation, reflection, analysis and self-discovery. Students’ understanding of whom they are as individuals, community members and members of a global society will be demonstrated in both the Investigative Workbook and studio production. At the completion of the course, students’ work will be publicly displayed and evaluated. Assessment will include contents of the Investigation Workbook, oral and written reflections and critiques, and written exams.
Instrumental Music Course

**Concert Band**  
1556 & 1557  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Director Approval

This course is designed primarily for incoming 9th grade students. It may include upper classmen whose skills have not developed to the level of those in the Wind Ensemble and Symphonic Bands, as well as students from the other bands who wish to learn a secondary instrument. This course will stress fundamentals of music and deal with the challenges and complexities of group performance. The Concert Band participates in the Michigan School Band and Orchestra Association (MSBOA) Band Festival and all students are encouraged to participate in the MSBOA Solo and Ensemble Festival. Participation in the Marching Band is not required but is strongly encouraged. Attendance at all performances is required.

**Marching Band (Meets 8th Hour)**  
1575  
Grades: 9-12  
One Semester: ½ credit  
Prerequisite: Director Approval

Marching Band (Meets in 8th hour) This class is a fall semester class only and will meet two evenings a week. In addition, students are expected to perform at all home football games, MSBOA Marching Band festival, Marching Band Competitions, and other activities as scheduled by the instructor.

**Symphonic Band**  
1558 & 1559  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Audition with band director

This course will stress the fundamentals of group performance and the interpretation of fine band literature from all periods of history. The Symphonic Band participates in the Michigan School Band and Orchestra Association (MSBOA) Band Festival and all students are encouraged to participate in the MSBOA Solo and Ensemble Festival. Students performing in this band are required to participate in the Marching Band, unless a waiver is granted by the band director. Attendance at all performances is required.

**Wind Ensemble**  
1547 & 1548  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Audition with band director

This course will stress the fundamentals of group performance and the interpretation of fine band literature from all periods of history. The Symphonic Band participates in the Michigan School Band and Orchestra Association (MSBOA) Band Festival and all students are encouraged to participate in the MSBOA Solo and Ensemble Festival. Students performing in this band are required to participate in the Marching Band, unless a waiver is granted by the band director. Attendance at all performances is required.
**Guitar I**

Grades: 9-12  
One Semester: ½ credit  
Prerequisite: none

This course will provide students the opportunity to develop musical skills and understanding of music through the basic skills of playing the guitar and/or bass guitar. Skill developed will include playing position, time production, technique, reading music, single note and chord playing skills. Students will develop listening skills that will help them to appreciate and connect to many different styles of music and cultures, as well as provide the tools necessary to continue and develop guitar performance skills.

**Guitar II**

Grades: 9-12  
One Semester: ½ credit  
Prerequisite: Successful completion of Guitar Class I or instructor approval

This course is designed as a continuation of Guitar Class I. Students will further develop musical skills previously learned. Barre chords, lead patterns, solos, and composition skills will be addressed. Students will learn to appreciate the different styles of play needed for the different types of music played on the guitar.

**Introduction to Piano (One Semester Music Experience)**

Grades: 9-12  
One Semester: ½ credit  
Prerequisite: none

Introduction to piano is a one semester class in which the students develop many musical skills, including; the history of the piano, note reading on the grand staff, dynamics, various articulations, and musical form.

**Piano**

Grades: 11-12  
Two Semester: 1 credit  
Prerequisite: Prior Music Experience/Instructor Approval or Intro to Piano

Piano is a year-long course designed for students with previous musical experience. Previous understanding of reading musical notation is encouraged, but not required. Throughout the course of the school year, students will learn advanced skills needed to be able to perform music (both written and oral skills) on the piano, advanced chord progressions, extended piano techniques, compositional skills, and develop a greater appreciation for the evolution of piano repertoire and performers.
**Jazz Band**  
*Grade: 9-12*  
*Two Semesters: 1 credit*  
*Prerequisite: Director Audition*

Students will examine, through performance and other means, the styles of jazz music. Students learn typical structure and form of jazz, improvisational skills, the history of jazz in America, and necessary skills to successfully perform jazz music. Students will demonstrate self-discipline and self-motivation necessary to successfully learn and perform music individually and within an ensemble. This band performs at least three concerts per year at OHS and serves as musical representatives inside and outside of the Oxford community whenever possible. Grading will be based on class work, participation, and attendance at all performances. Jazz Band is a zero hour course and starts at 6:45 am.

**Concert Orchestra**  
*Grade: 9-12*  
*Two Semesters: 1 credit*  
*Prerequisite: Approval of Director and Audition*

The Concert Orchestra is designed for students who are looking to increase skills and awareness of foundational string pedagogy. The Concert Orchestra is comprised primarily of freshmen, but is open to students of all grade levels. This class develops skills regarding individual practice and accountability, scales (major and minor), vibrato, sight-reading skills, extension of individual technique, ear training, and theory. Success will be measured by the individual’s improvement of these skills, as well as overall participation, attitude, and commitment. The Concert Orchestra participates in the Michigan State Band and Orchestra Festival (MSBOA), as well as evening performances throughout the school year. Advanced notice will be given for all orchestra events, and students will be required to attend all after-school dress rehearsals and performances.

**Symphony Orchestra**  
*Grade: 9-12*  
*Two Semesters: 1 credit*  
*Prerequisite: Approval of Director and Audition*

The Symphony Orchestra is an advanced ensemble comprised of upperclassmen, but is open to students of all grade levels. Students will focus on refining and mastering foundational string skills. Success will be measured by the individual’s improvement of these skills, as well as overall participation, attitude, and commitment. The Symphony Orchestra participates in the Michigan State Band and Orchestra Festival (MSBOA), as well as evening performances throughout the school year. Students will be required to attend all after-school dress rehearsals and performances. Dates will be communicated well in advance.
Chamber Orchestra *(Meets Zero Hour)*

1538 & 1539

**Grades:** 9-12  
**Two Semesters:** 1 credit  
**Prerequisite:** Approval of Director and Audition

The Chamber Orchestra is an advanced ensemble which plays college-level chamber literature. Students will be challenged daily with technical proficiency, musical interpretation, and professional musician etiquette. This ensemble serves as musical representatives at performances throughout the Oxford community. The Chamber Orchestra participates in the Michigan School Band and Orchestra Association (MSBOA) Orchestra Festival and all students are encouraged to participate in the MSBOA Solo and Ensemble Festival. This class meets before school 4 days per week during 0 hour. Attendance at all performances is required.
Exploring Music 1610
Grades: 9-12
One Semesters: ½ credit
Prerequisite: none

This non-performance class taught as a series of workshops will give the student the opportunity to explore and enjoy many forms and styles of all varieties of music, past, present and future. The lives and contributions of selected composers and artists will be discussed. In addition, this class will also discuss jazz, blues, rock and other forms of modern music. An introduction to the language of musical notation will also be explored.

Advanced Placement Music Theory 1615 & 1616
GRADES: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Music Theory and Composition or Instructor Approval

This course will focus on the construction and composition of music as it relates to both classical and modern sound. Students will examine the melodic and chord structures of various musical styles while developing an understanding of the nature and construction of quality musical examples. Students will have the opportunity to compose original pieces of music that are focused on developing an understanding of quality musical literature. Ear training and sight singing will be an important part of the musical development. Melodic lines, scales, chords and rhythms will also be studied.

Music Theory and Composition 1630
Grades: 9-12
One Semester: ½ credit
Prerequisite: Instructor Approval and instrument experience

Music theory will focus on the construction and writing of music as it relates to both classical and modern music. The course will examine the melody and chord structures of musical pieces and will provide a musical understanding of how quality music is written. The students will have the opportunity to write original pieces of music that are focused on developing an understanding of quality musical literature. Chords, Melody, time signatures, key signatures and large and small group writing will be studied.
**IB Music SL**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisite: Instructor Approval*

This one-year course serves as a detailed, in depth exploration of each of the major components of music: theory, history and performance. Keeping the vision of the IB in mind, each of these areas will be studied with an emphasis on its own effect on the cultures of here and abroad. Students should thusly be prepared to examine music of western and non-western cultures, as well as practice solo/ensemble performance and practice different techniques in composition. As each DP Music student is required to test for an IB Certificate, the year will be taken to prepare for the required SL exam. This class is a pull-out, meaning the IB Music course will happen in conjunction with a performance ensemble (band, choir, orchestra or guitar.) The students will split time between their ensemble and the IB Music course, the sequencing of which will be determined based on the needs of each of the performance ensembles.

**Acting**

*Grades: 9-12*

*One Semester: ½ credit*

*Prerequisite: none*

Acting is a course designed to encourage individuals of all talent levels to “step out of their comfort zones” and to develop both personal and group performance skills through the art of stage acting. In this course, students will participate in creating both original and scripted characters/scenes. Emphasis is placed on creativity, exploration of ideas, and stage techniques designed to help grow students’ confidence levels and ability to effectively express ideas. **(Note: No homework is given in this class, but eight out-of-class hours are required during the course of the semester.)**

**Advanced Acting**

*Grades: 10-12*

*One Semester: ½ credit*

*Prerequisite: Successful completion of Acting and/or Instructor Permission*

Advanced Acting is a course designed for students desiring a more in-depth study of acting. In this course, full-length plays are produced in OHS’s black box theatre for live audiences. Emphasis is placed on producing a strong artistic work while learning about the skills of directing, producing, designing, and acting. **Please note:** Due to Advanced Acting being a production-based course, rehearsals outside of class time are required, although limited. The performances (shows) are also performed outside of class time (i.e. on evenings and/or weekends).
Speech I
Grades: 9-12
One Semester: ½ credit
Prerequisite: none

Speech I is designed to increase student confidence and communication skills. This class helps students understand the communication process and provides vital soft skills needed for an information-based world. Students will practice a wide range of communication experiences, including preparing speeches, listening, and oral interpretation. Students will increase self-confidence in all types of communication; verbal, nonverbal, visual and written, situations and learn to interact successfully with others. Strategies will be taught and practiced for the three types of Public Speaking: Speaking to Inform, Entertain, and Persuade. Grading will be based on personal growth, improvement, and reflection.

Speech II
Grades: 9-12
One Semester: ½ credit
Prerequisite: Successful completion of Speech I

This speech class focuses on communication, individual and group performances. Students will begin with exploring types of Communication and its impact on Relationships and Community. Persuasion will be explored with both a reinforcement and change mindset. A Shark Tank themed group performance will put your persuasive skills to the test. Through the study of speech forensics, the student will read, analyze and present a variety of performance categories including: poetry, duo, extemporaneous, and dramatic interpretation. The student will use debate techniques to begin using critical thinking and logical reasoning to present a skillful argumentation.

Communication as Improv!
Grades: 9-12
One Semester: ½ credit
Prerequisite: none

In this class, we’ll take improvisation-based communication activities to the next level and apply them to real life – whether that’s interpersonal impromptu communication, intrapersonal, small group, or a Mass Communication. Students will be encouraged to find their personal communication and speaking style, practice positive risk-taking and self-awareness, and heighten personal confidence. Focus on collaboration, spontaneity, team building, storytelling, and confident communication with connections to academic, professional, and personal situations.

Stagecraft
Grades: 9-12
One Semester: ½ credit – General Elective Credit
Prerequisite: none

Stagecraft is a work-based technical theatre course which teaches about everything that happens “behind the scenes”, both before and during a live stage production. In “Stagecraft I” students learn about how to use various tools as well as techniques used to create the “magic” of theatre. Students in this course are involved in building the sets for the school play/musical, as well as learning about the basics of props, costumes, make-up, and lighting. Note: No homework is given in Stagecraft, but eight out-of-class hours are required for this course.
Advanced Stagecraft

Grades: 10-12
One Semester: ½ credit – General Elective Credit
Prerequisite: Successful completion of Stagecraft

Advanced Stagecraft is a course that provides in-depth, individualized instruction on various aspects of technical theatre (including set-building, lighting, sound, and stage management). Students in this course learn theatrical design techniques (as well as how to implement theatrical designs) while helping to run the Oxford Performing Arts Center and its season of shows. (Note: Students in Advanced Stagecraft can take this course multiple times since different events/shows occur on stage each semester). Note: No homework is given in Adv. Stagecraft, but ten out-of-class hours are required per semester.).
Vocal Music Courses

**Concert Choir**

Grades: 9-12  
*Two Semesters: 1 credit*  
*Prerequisite: Basic Audition/Director Approval*

Concert Choir is a female vocal ensemble for students interested in the study of vocal music. Concert Choir will rehearse and perform SA and SSA choral literature. Music styles studied will include pop, oldies, music theatre and classical. Students will receive specific training on developing the female voice with healthy technique and appropriate tone quality. Each student will be expected to rehearse and perform with 100% effort in the goal of producing performances that meet superior standards of musical performance. Emphasis will be made on creating quality choral music in an enjoyable and expressive atmosphere. Students in Concert Choir are required to participate in concerts and festivals outside the school day.

**Men’s Choir**

Grades: 9-12  
*Two Semesters: 1 credit*  
*Prerequisite: Basic Audition/Director Approval*

Men’s Choir is a male vocal ensemble which will rehearse and perform 2, 3 and 4 part men’s choral literature. Music styles studied will include pop, oldies, music theatre and classical. Students will receive specific training on developing the male vocal range with healthy technique and appropriate tone quality. Each student will be expected to rehearse and perform with 100% effort in the goal of producing performances that meet superior standards of musical performance. Emphasis will be made on creating quality choral music in an enjoyable and expressive atmosphere. Students in Men’s Choir are required to participate in concerts and festivals outside the school day.

**Women’s Choir**

Grades: 10-12  
*Two Semesters: 1 credit*  
*Prerequisite: Successful Audition with Director, 1-year HS choir experience.*

Women’s Choir is a women’s vocal ensemble for students interested in the study of vocal music. Women’s Choir will rehearse and perform SSA and SSAA choral literature. Students in Women’s Choir are presented with opportunities to reach artistic levels of musicianship and vocal performance on repertoire that is diverse and encompassing. Each student will be expected to rehearse and perform with 100% effort in the goal of producing performances that meet superior standards of musical performance. Students in Women’s Choir are required to participate in concerts and festivals outside the school day. An audition is required that will include sight reading, essay, interview, voice placement and prepared song performance.
Vocal Techniques

Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Successful Audition with Director, 1-year HS choir experience.

Vocal Techniques is an opportunity for students with above average interest and aptitude for developing solo, duet and small vocal group skills. Students will regularly perform individually in front of the class in various styles on music. Curriculum will include units of studying appropriate techniques for pop, rock, jazz, musical theatre and classical styles of music. Students will study vocal anatomy and body mechanisms used in singing, vocal health practices, techniques for rehearsal and performance of solos, and training in teaching voice students. Students will perform in front of the class and in recitals scheduled throughout the year. Vocal Techniques requires significant out of class time for completion of assignments and learning repertoire. Students will audition with a song of their choice.

Vocal Expressions

Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Successful Audition with Director, 1-year HS choir experience.

Vocal Expressions is an advanced SATB ensemble for students dedicated to the study of vocal music. Students in Vocal Expressions are presented with challenges to reach advanced levels of musicianship and vocal performance on repertoire that is diverse and encompassing. Each student will be expected to rehearse and perform with 100% effort in the goal of producing performances that meet superior standards of musical performance. Students in Vocal Expressions are required to participate in concerts and festivals outside the school day.

Caritas

Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Successful Audition with Director, 1-year HS choir experience.

Caritas is an advanced women’s vocal ensemble for students interested in the study of vocal music. Caritas will rehearse and perform advanced level SSA and SSAA choral literature. Students in Caritas are presented with opportunities to reach artistic levels of musicianship and vocal performance on repertoire that is diverse and encompassing. Each student will be expected to rehearse and perform with 100% effort in the goal of producing performances that meet superior standards of musical performance. Students in Caritas are required to participate in concerts and festivals outside the school day.
World Languages

American Sign Language

American Sign Language I
Grades: 9-12
Two Semesters: 1 credit
Prerequisite: none

ASL I is an introduction to American Sign Language (ASL). The first semester of this course includes basic grammar, vocabulary, fingerspelling, numbers, and cultural information related to the deaf community. The second semester is a continuation of basic study of the language and culture; an opportunity to build receptive and expressive sign vocabulary; use of signing space; further use of non-manual components of ASL grammar including facial expressions.

American Sign Language II
Grades: 10-12
Two Semesters: 1 credit
Prerequisite: Successful completion of ASL I

ASL III is a continuation of the study of ASL. The first semester of this course includes vocabulary, daily conversations, presentations, and advanced fingerspelling/numbers. During the second semester, students will continue building their vocabulary. Students will get an introduction to interpreting ASL grammar. Students will be responsible for videotaping and writing about their progress during the year. Interaction with members of the deaf community in both directed and non-directed activities will be required.

American Sign Language III
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of ASL I and II with a B or better.

ASL III is a continuation of the study of ASL. The first semester of this course includes vocabulary, daily conversations, presentations, and advanced fingerspelling/numbers. During the second semester, students will continue building their vocabulary. There will be discussion of regional and ethnic sign variations, as well as social political and educational institutions of the deaf community will be explored. Students will get an introduction to interpreting ASL grammar. Students will be responsible for videotaping and writing about their progress during the year. Interaction with members of the deaf community in both directed and non-directed activities will be required.

American Sign Language IV
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of ASL III with a B and Instructor Approval

This is an advanced course designed to increase vocabulary, expand and develop grammar structures, and examine the use of classifiers in conversational development. Students will practice interpreting through the use of videos and live performances. Interaction with members of the deaf community and both directed and non-directed activities will be required.
Mandarin Chinese

**Mandarin Chinese II**  
2406 & 2407  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Mandarin Chinese I or instructor approval  
NCAA DI Academic Standard

Students will continue to enrich their Chinese language knowledge and develop their communication skills in listening, speaking, reading and writing. Students will improve on sentence structures and expand their vocabulary through various class activities and projects. Students will also explore Chinese culture.

**Mandarin Chinese III**  
2408 & 2409  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Mandarin Chinese II or instructor approval  
NCAA DI Academic Standard

In this level 3 course the curriculum will reinforce and accelerate the student’s language proficiency through introducing practical oral communication phrases and sentences, as well as sophisticated reading and writing strategies. The students will also improve their listening skills. The course will further integrate with Chinese culture topics aiming at developing in-depth understanding of the nature of the language and culture.

**Mandarin Chinese IV**  
2410 & 2411  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Mandarin Chinese III or instructor approval  
NCAA DI Academic Standard

In this level 4 course, student’s language proficiency will be reinforced through practical and authentic teaching materials. Students continue to enlarge their Chinese vocabularies. More advanced grammar will be introduced to students. Students’ abilities of communication in target language will be further developed. Students will develop more sophisticate skills in reading, writing, speaking and listening. In addition, students will develop better understanding about the language with more in-depth discussions on Chinese culture in this course.
Advanced Placement Mandarin Chinese 2416 & 2417
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Chinese IV and/or instructor approval
NCAA DI Academic Standard

This AP Chinese will emphasize the use of Chinese language for active communication and will be conducted primarily in Chinese. It is designed comparable to fourth semester (or the equivalent) college/university course. Students will experience a variety of speaking, reading, writing and listening activities that will help prepare them for the AP Chinese Language Exams. The instruction and interaction are expected to use the target language at least 90% of the time. The study of authentic texts from magazines to newspapers, as well as exposure to Chinese literature will increase a student’s awareness of a global world. The AP Chinese course and exam are an important step in a commitment to further multiculturalism and multilingualism in secondary school education.

IB Mandarin Chinese SL 2414 & 2415
Grades: 11-12
Two Semesters: 1 credit
Prerequisite: Successful completion of Chinese IV and/or instructor approval
NCAA DI Academic Standard

This IB Chinese course will emphasize the use of Chinese for active communication. It is designed to increase competence and self-confidence for living and working in today’s global society. It will be conducted primarily in Chinese and is meant to be equivalent to a college composition and conversation course. Students will experience a variety of speaking, reading, writing and listening activities that will help prepare them for the IB Chinese Language Exams. The instruction and interaction are expected to use the target language at least 90% of the time. The study of authentic texts from magazines to newspapers will increase a student's awareness of a global world.
Spanish

**Spanish I**  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: none  
NCAA DI Academic Standard

Students will speak, read, write and understand basic Spanish. Students will learn how to conjugate verbs in the present and near future tenses. Students will be able to write sentences and short paragraphs in Spanish, as well as create dialogues and skits to perform in class. Students will begin to explore the Spanish-speaking culture in the United States and around the world.

**Spanish II**  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Spanish I  
NCAA DI Academic Standard

This course is a continuation of the study of Spanish I. Students will continue to expand their knowledge of Spanish with thematic units. Students will also learn the past tense. Students will participate in skits, dialogues and cultural study.

**Spanish III**  
Grades: 9-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Spanish II  
NCAA DI Academic Standard

This course is a continuation of the study of Spanish II. The pace of this course is faster than Spanish II. Students will develop speaking, reading, listening and writing skills. Students are expected to speak in Spanish as much as possible during class. Students will make individual and group presentations. Students will also continue to explore the culture of the Spanish-speaking world.

**Spanish IV**  
Grades: 10-12  
Two Semesters: 1 credit  
Prerequisite: Successful completion of Spanish III  
NCAA DI Academic Standard

Students will improve listening, speaking, reading, and writing skills in Spanish while discussing authentic literature and film, as well as current events. Students are expected to speak in the target language at least 90% of the time. They will use critical thinking skills to compare and contrast Hispanic cultures with their own in order to foster an international spirit that will help them become global citizens. Class activities and projects will be evaluated using the published IB rubrics and guidelines. Students taking this course will have the opportunity to advance to either IB Spanish or AP Spanish.
**IB Spanish SL**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisite: Successful completion of Spanish IV and/or instructor approval.*

*NCAA DI Academic Standard*

The IB / SL Spanish course seeks to enhance students’ proficiency in Spanish as well as continue the study of the various Hispanic cultures. It is designed to increase competence and self-confidence for living and working in today’s global society. It will be conducted in Spanish and is meant to be equivalent to a college composition and conversation course. Speaking and writing will be assessed using the IB rubrics. Students will be using a variety of methods including oral/aural assignments, presentations, dialogues, short compositions, and authentic readings from various Hispanic publications. The SL Spanish Exam will be given during this course.

**Advanced Placement Spanish**

*Grades: 11-12*

*Two Semesters: 1 credit*

*Prerequisite: Successful completion of Spanish IV and/or instructor approval.*

The AP Spanish course will emphasize the use of Spanish for active communication. It will be conducted in Spanish and is meant to be equivalent to a college composition and conversation course. Students will experience a variety of speaking, reading, writing and listening activities integrated with the study of the AP themes. The goal for this class is to prepare students for success on the AP Spanish Language Exam. The study of authentic texts as well as exposure to Hispanic literature will increase a student’s awareness of a global world.
Oakland Schools Technical Centers

Northeast Campus - Pontiac

See your Counselor to apply for OSTC Courses

- OSTC – NEC courses are 2 ½ hour blocks offered in the morning (would not have a late start on Wednesday) and students generally receive 1 2/3 credits per semester.
- Students are transported between out building and the Center, which is considered an extension of our high school.
- Only students in Grade 11 and 12 are eligible
- Most of the programs require two years for completion, however students may opt for only one year of a two-year program, or they may decide to complete a program by returning to OSTC for an additional year after high school graduation.
- A completed application is required of all students who wish to take an OSTC class.

Information Technology, Entrepreneurship, Advanced Marketing

In the iTEAM cluster, students learn Information Technology skills in Networking and PC Troubleshooting, Web Development, Mobile Application Development, Database Administration, and Programming. Within these career opportunities, students can earn certifications including: Certified Internet Webmaster (CIW), Adobe Certified Expert, A+, Network+, and Microsoft Certified Professional (MCP). In addition, in the iTEAM career opportunity, students learn entrepreneurship skills and marketing skills that provide them with the knowledge necessary to manage and run their own business. They can also participate in an online partnership with Macomb Community College; earn college credits and a Certificate of Entrepreneurship or Information Technology. All students will have the opportunity to earn Microsoft Certified Application Specialist (2010) certifications, a Customer Service Certification, Sales Certification, and a Retail Management Certification.

Construction Technology

The Construction Technology cluster provides students with opportunities to learn skills to work in all areas of the construction field including: carpentry, interior/exterior finishing, electrical, plumbing, masonry, heating, ventilation, air conditioning and refrigeration (HVAC), home repair, building and grounds maintenance, and construction management.

Culinary Arts/Hospitality

This cluster prepares students for a broad background of skills and knowledge utilizing industry-based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for today’s professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Training is provided in cooking, menu design, staffing and scheduling, food preparation, and financial management. Additionally, students will contribute to the day-to-day operations of a restaurant and catering services. Travel, tourism and hospitality fundamentals are also covered in this two-year program.
Engineering/Emerging Technologies
This intensive and hands-on cluster will prepare students with skills to enter post-secondary institutions or move directly into employment opportunities. Students will learn high-tech engineering technologies like mechatronics which include virtual simulation, computerized manufacturing, rapid prototyping, and alternative energies through a variety of instructional methods and self-paced competency-based computerized modules. Students will learn mechatronics core foundational skills including: Design Processes (CAD), electricity/electronics, fluid power (hydraulics/pneumatics), machining/mechanical, quality insurance, robotics, and welding/fabrication.

Health Sciences
The Health Sciences cluster provides students with core and foundation skills for health fields such as medical assisting, laboratory, medical office technology, dental assisting, optical technology, nursing, and pharmacy. Also, students will gain an understanding in all areas of the health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology, pharmacology, prevention and office procedures. Additional training opportunities are available in phlebotomist, EKG technician, sports safety, radiology aide, surgical technical aide, respiratory therapy aide, occupational therapist, physical therapist, dietary aide, and medical records and billing.

Cosmetology
Successful completion of the Cosmetology program allows the student to apply for state licensing exams (requires post-secondary attendance). This course includes extensive hands-on instruction using an advanced integrated curriculum in academics, technical, and workplace skills. Core skills include entrepreneurship, salon ecology, safety and electricity, general anatomy, and chemistry. Technical skills include hair care and treatments, esthetics, nail technology, hair cutting and hair coloring.

Transportation Technology
The Transportation cluster provides an intensive hands-on program designed to prepare students with skills necessary to successfully enter into transportation careers. In this one or two-year course, the student will gain core and foundation skills related to gas and diesel engine theory, auto collision repair and refinishing, basic mechanical principles and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation, and measuring. Safety, shop orientation, and tools and equipment are also part of the curriculum. The transportation cluster has National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) certification in Automotive Technology and Collision Repair.
Northwest Campus – Clarkston

See your Counselor to apply for OSTC Courses
- The Oakland Schools Technical Center Northwest Campus offers courses for students in career, employment and/or college preparation. Instruction is based on individual interests and skills.
- Students spend 1 ½ hours per day at the center in one of two sessions offered.
- No transportation is provided by Oxford Schools to the Northwest Campus.
- A completed application is required of all students who wish to take an OSTC class.

Biotechnology and Environmental Science
This one or two-year program is designed to prepare students with the skills necessary to successfully enter one or more of the following career areas: Natural Resources Systems, Environmental Systems, Animal Systems, and Plant Systems. Agribusiness and marketing skills, customer service, and biotechnology are provided as a significant portion of all curriculum areas. Technology is a significant component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and data transmission networking (meteorology, commodities and futures trading). The curriculum also includes greenhouse, organic garden, landscape management, schoolyard wildlife habitat, rain forest, animal laboratory, floristry, poultry habitat and small business management.

Business Management, Marketing, and Technology
The Business Management, Marketing, and Technology Cluster provides students with skills in keyboarding, word processing, spreadsheet, database, multimedia, technology management, and business communications. These skills can be used effectively and proficiently throughout a student’s education and in the workforce for problem solving, document processing, research, and presentations. This one semester to two-year program offers a variety of career options that lead to business and industry certifications in areas including business management and ownership, database administration and programming, e-commerce, network administration, PC support and helpdesk, entertainment and tourism management, finance, real estate, marketing, property management, and web development. The Northwest Campus is a certified MOUS testing center and a certified training facility for network cabling and fiber optics, making it possible for students to work with the latest emerging IT career fields. An Oracle Internet Academy was opened in the fall of 2001, which trains students in web applications using Oracle software.

Construction Technology
The Construction Technology Cluster provides students with skills in areas such as carpentry, interior finishing, electrical, plumbing, masonry, HVAC/R, home repair, building maintenance, builder, developer and building inspector. Integral components of a student’s training include Mathematics, good interpersonal skills, problem solving, communication, and team building skills.

Culinary Arts/Hospitality
The Culinary Arts/Hospitality Cluster prepares students with a broad background of skills and knowledge utilizing industry based tools, equipment, and technology. Students will learn skills and business applications required of professionals to be productive and successful in a modern commercial kitchen. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Training is also provided in menu design, staffing, scheduling, and financial management.
**Engineering/Emerging Technologies**
This intensive and hands-on cluster will prepare students with skills to enter post-secondary institutions or move directly into employment opportunities. Students will learn high-tech engineering technologies like mechatronics which include virtual simulation, computerized manufacturing, rapid prototyping, and alternative energies through a variety of instructional methods and self-paced competency-based computerized modules. Students will learn mechatronics core foundational skills including: Design Processes (CAD), electricity/electronics, fluid power (hydraulics/pneumatics), machining/mechanical, quality insurance, robotics, and welding/fabrication.

**Health Sciences**
The Health Sciences cluster provides students with core and foundation skills for health fields such as medical assisting, laboratory, medical office technology, dental assisting, optical technology, nursing, and pharmacy. Also, students will gain an understanding in all areas of the health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology, pharmacology, prevention and office procedures. Additional training opportunities are available in phlebotomist, EKG technician, sports safety, radiology aide, surgical technical aide, respiratory therapy aide, occupational therapist, physical therapist, dietary aide, and medical records and billing.

**Transportation Technology**
The Transportation cluster provides an intensive hands-on program designed to prepare students with skills necessary to successfully enter into transportation careers. In this one or two-year course, the student will gain core and foundation skills related to gas and diesel engine theory, auto collision repair and refinishing, basic mechanical principles and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation, and measuring. Safety, shop orientation, and tools and equipment are also part of the curriculum. The transportation cluster has National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) certification in Automotive Technology and Collision Repair.

**Visual Imaging Technology**
Students of the Visual Imaging cluster will be training towards careers that communicate ideas and information to the public and include the areas of graphic communication, design communication, interactive multimedia/animation, and audio, video and film production skills and processes. This cluster provides training opportunities in screen-printing, press operations and bindery; graphic layout, advertising design and marketing presentations used in flat art or the print publishing world. As for the electronically distributed universe, the student will be introduced to audio and video, and interactive media design and implementation used in radio, DVD, CD-ROM and the World Wide Web.
Oxford Dance Conservatory

The mission of the Oxford Dance Conservatory is to prepare students with the skills necessary to be successful in higher-level dance education programs or the professional dance world. Students in this program study classical dance as well as styles utilized in the entertainment and commercial industry. Students also have opportunities to expand creative and problem solving skills through completion of assignments and projects and the development of their own choreography. The ODC is partners with Oakland University and works with Madonna University annually, giving students the opportunity to experience collegiate dance and work with renowned choreographers. ODC dancers take part in several performances every year. Students who earn at least a 3.5 grade point average in the course and dance at the advanced level for a minimum of two years will receive the Oxford Dance Conservatory endorsement upon graduation.

Oxford Arts Conservatory Majors
Dance
Oxford Arts Conservatory Dance Classes

**Dance & Stage Movement**

*Grades: 9-12*
*Two Semesters: 1 credit*
*Prerequisite: none*

Students will be trained in the areas of ballet and modern dance. In ballet, students will learn and use vocabulary and definitions to deepen their knowledge of the form. Emphasizing core support, spatial awareness, dynamic alignment, momentum, rhythm and floor movement is part of the modern dance curriculum.

**Intermediate Dance Conservatory**

*Grades: 9-12*
*Two Semesters: 2 credits (block)*
*Prerequisite: Audition*

Students will be trained in Classical Ballet technique emphasizing alignment, clarity of line and shape, and healthy movement mechanics. Students will learn and use ballet vocabulary and definitions to deepen their understanding of the form. Core support, spatial awareness, dynamic alignment, momentum, rhythm and floor movement is emphasized in Modern Dance.

**Advanced Dance Conservatory**

*Grades: 9-12*
*Two Semesters: 2 credits (block)*
*Prerequisite: Audition*

Students will be trained in Classical Ballet technique emphasizing alignment, clarity of line and shape, and healthy movement mechanics. These principles will start to become automatic with the students self-assessing. Students will expand their use ballet vocabulary and understanding of the definitions to be able to perform combinations with verbal cueing. Performance quality and musicality will be layered onto the training.

Core support, spatial awareness, dynamic alignment, momentum, rhythm and floor movement will be emphasized in Modern Dance. Performance choices will be explored as kinesthetic awareness is heightened. Experience will be gained as a solo performer and as part of an ensemble.
Nondiscrimination Clause: Oxford Community Schools does not discriminate on the basis of race, color, religion, national origin, sex (sexual orientation or gender), disability, age, height, weight, marital status or any other legally protected characteristic, in its programs, services or activities, including employment opportunities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: David Pass, Assistant Superintendent of Human Resources, 10 North Washington Street, Oxford, MI 48371, (248) 969-5004.
2020-2021
Course Catalog

Oxford Bridges
High School
Dear Oxford Bridges Students and Parents,

The high school years are filled with many wonderful opportunities and many decisions to be made. Students begin to consider the direction their lives may take. To help students make good choices it is essential that parents discuss with their teen options available to them and how the decisions they make today will impact the future. Oxford Bridges provides a unique opportunity and educational experience designed to meet the many difficult challenges some students may face. Students at OBHS enter a special program designed to fit their individual needs.

This Course Catalog contains the information you will need to plan and select courses for next school year, as well as for developing long range strategies for completing the required courses and earning the credits necessary for graduation. Please study the contents carefully so that you can make an informed decision.

We want to extend a warm welcome to students of Oxford Bridges High School, and we look forward to working with you to ensure a successful high school experience.

Sincerely,
Aletha VanLoozen, Principal
Oxford Bridges Staff

Aletha Vanloozen  Principal
Andrew Bausack    Teacher Consultant
Nicholas Cost      Math/Science Teacher
Nicole Flores      Intervention Specialist
Mallory Mallory   Social Studies Teacher
Erynn Paulie       English Language Learner Support
Witney Stern       English/Language Arts Teacher
Michelle Times     Intervention Specialist
Diana Eldridge     Administrative Assistant

CENTRAL ADMINISTRATION

Tim Throne          Superintendent
Ken Weaver          Deputy Superintendent of Curriculum and Instruction
Sam Barna           Assistant Superintendent for Business and Operations
David Pass          Assistant Superintendent of Human Resources
Denise Sweat        Associate Superintendent of Student Services
Anita Qonja-Collins Executive Director of Elementary Instruction

BOARD OF EDUCATION

Thomas E. Donnelly Jr. President
Dan D’Alessandro   Vice President
Korey Bailey       Treasurer
Erick Foster       Trustee
Chad Griffith      Trustee
Mary Hanser        Trustee
Heather Shafer     Secretary
VISION STATEMENT

Building an educational community of inquiry and acceptance through open-mindedness, communication and reflection.

MISSION STATEMENT

The mission of Oxford Bridges High School is to provide an exemplary alternative academic setting to the traditional high school. Establishing an environment in which all students can have the opportunity for acceptance, support and educational success.

CORE VALUES

Bridges High School focuses on the following core values for the development of a culture that is tolerant and cohesive emphasizing on collaboration and the building of 21st century skills.

* Respect
* Integrity
* Diversity
* Community
* Pride
* Open-mindedness
* Kindness

NONDISCRIMINATION POLICY

Oxford Secondary Schools work together with local and global communities to educate learners with rigorous coursework, while fostering skills relevant to each individual and enhancing cooperative relationships. We prepare learners for success in a world community where they are invested in the process of making principled decisions.
INTERNATIONAL BACCALAUREATE

Oxford Bridges High School is not part of IB programming at Oxford High School; however, we believe the intended outcomes of IB instruction should be an integral part of all student learning.

OXFORD LEARNERS STRIVE TO BE:

Inquirers: They develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning will be sustained throughout their lives.

Knowledgeable: They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines.

Thinkers: They exercise initiative in applying thinking skills critically and creatively to recognize and approach complex problems and make reasoned, ethical decisions.

Communicators: They understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication. They work effectively and willingly in collaboration with others.

Principled: They act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them.

Open-minded: They understand and appreciate their own cultures and personal histories, and are open to the perspectives, values and traditions of other individuals and communities. They are accustomed to seeking and evaluating a range of points of view and are willing to grow from the experiences.

Caring: They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service, and act to make a positive difference to the lives of others and to the environment.

Risk-takers: They approach unfamiliar situations and uncertainty with courage and forethought, and have the independence of spirit to explore new roles, ideas and strategies. They are brave and articulate in defending their beliefs.

Balanced: They understand the importance of intellectual, physical and emotional balance to achieve personal well-being for themselves and others.
Reflective: They give thoughtful consideration to their own learning and experience. They are able to assess and understand their strengths and limitations in order to support their learning and personal development.

STATE REQUIREMENTS AND MODIFICATIONS

The State of Michigan has legislated that every student needs to complete all aspects of the Michigan Merit Curriculum. The State has allowed for the possibility that some students, with the support of their parents/guardian may request a modification to the State graduation requirements. These modifications, which may produce a personal curriculum plan, are to be developed by a group consisting of the student, his or her guardian/parent, the student’s counselor and administrative designee. The modified plan will incorporate as much of the subject area contest expectations as practical, as well as alignment with the student’s educational development plan (EDP). It is also the responsibility of the student’s parents/guardians to monitor their child’s progress against the goals contained in the personal curriculum plan as well as contacting individual teachers at least twice per semester.

There are no modifications allowed to the State of Michigan requirements for Language Arts, World Language, Science, U.S. Civics, Algebra I and Geometry. Requests to make modifications to health/physical education and visual and performing arts requirements based on additional courses beyond the required credits in Language Arts, Math, Science, Social Studies, or World Language will be allowed only if there is no elective class within their schedule that can be dropped to add the state requirement.

Students and their parents need to be aware that if a personal curriculum plan is granted and the student does not achieve proficiency in the required credits, the personal curriculum is null and void. They also need to understand that a personal curriculum plan may impact NCAA eligibility, college scholarships, and college admission
# GRADUATION REQUIREMENTS
## 21 Total Credits

### Language Arts 4 credits

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<th>ELA 9</th>
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<th>ELA 10</th>
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### Social Studies 3 credits

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<th>American History</th>
<th>Civics</th>
<th>Econ</th>
<th>World History</th>
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### Math 4 Credits

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### Science 3 Credits

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<tr>
<th>Biology</th>
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<th>Chem/Physics</th>
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<th>Elective Science</th>
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### PE/Health 1 credit

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### Art 1 Credit

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### World Language 2 credit

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### Electives 3 credits (3.5 with Alg. IIB PC)

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<th>Electives</th>
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ENGLISH/LANGUAGE ARTS

Language Arts 10 - American Literature
GRADE 10
Two Semesters: 1 credit

Students will discover and investigate the historical and philosophical origins of America as they discuss parallels between contemporary situations and situations dealt with during American History. Students will discuss the rights and values of Americans as well as the importance of being active citizens.

Language Arts 11 - British Literature
GRADE 11
Two Semesters: 1 credit

Students will explore human organization in a variety of regions by experiencing a variety of genres. Students will be working with The Hamlet, Frankenstein, and Animal Farm as they discuss heroism and relate it to the world today. Students will read, discuss, and modernize a variety of texts as they begin to consider the effects that past events had on present day in order to better understand the varying perspectives around the world.

Language Arts 12-Writing
Grade 12
Two Semesters: 1 credit

The goal for English 12 is to refine, apply, and extend the solid foundation of knowledge, skills, and strategies developed in English 9-11. With an emphasis on leadership and personal growth, students will experiment with a variety of genres of writing.
MATHEMATICS

Geometry
GRADE 10
Two Semesters: 1 credit

Although mathematics is a specific area of knowledge, the kind of thinking developed in mathematics can be applied in all facets of life. Learning math in a creative setting emphasizes problem solving, developing and evaluating mathematical arguments, and being able to communicate one's ideas appropriately. The Bridges geometry curriculum engages students in hands-on, exploratory learning that assists them in applying logical and critical thinking skills, increases their ability to recognize mathematical relationships and readily allows them to use problem solving skills. Students will engage in geometric thinking and reasoning techniques throughout the year including the real-life application of geometry through the Crossing Bridges Boat Building Project, the analysis and creation of a beehive and overall school improvement projects. Although this course is not assessed for benchmarks outside of the area of math, many of the activities include elements of ELA and visual arts principles which enriches the experience.

Algebra 2A
GRADE 12
Two Semesters: 1 credit

This course covers the first half of Algebra II. After reviewing linear equations and inequalities, the course focus is an in-depth study of many families of functions. While improving skills with the graphing calculator, students study quadratics and exponential equations. Many of the problems solved in the Algebra II course are real-life applications. The student and parent must complete a Personal Curriculum if Algebra IIB is not going to be completed.

Financial Literature
GRADE 12
Two Semesters: 1 credit

Financial math offers students an opportunity to learn skills related to math encountered in real world applications. For example, checking accounts, credit cards, financing cars, applying for loans etc. These skills will increase student knowledge regarding their role in economic decision making.
SCIENCE

Physics
Grade 11
Two semesters: 1 Credit

The 11th grade Physics course will engage students in a rigorous laboratory experience, allowing them to gain an understanding of the equations and formulas of physics and to make connections between the concepts of physics and their everyday world. Students will build a strong foundation allowing them to predict, control, calculate, measure, and observe their interactions with the physical world around them on a daily basis. This conceptual base will also foster their critical and analytical thinking for use throughout their lifetime. When we not only observe, but also understand the rules of nature that govern our physical world we are more fulfilled and well-rounded individuals. Concepts covered will include measurement; matter and energy; forces and motion; work and power; sound; electricity and magnetism.

Astronomy
GRADE 10
Two semesters: 1 Credit

Astronomy is offered as the 3rd elective credit for the Michigan Merit Curriculum requirements. Astronomy is the science that deals with the study of the heavens and the realms extending from the Earth’s atmosphere to the distant reaches of the universe. You will encounter planets with dead volcanoes where summits dwarf Mount Everest and stars that are a hundred times the size of the Sun (mass of the Sun = 1.98 x 10^30 Kg; Radius of the Sun = 7000,000 km). They are so vast that the Earth seems like a grain of in comparison. Even more amazing is the size of our Milky Way galaxy, which is approximately 100,000 light years across and is relatively minuscule to the diameter of the Visible Universe which s believed to be about 15 Billion light years. The size of the Total Universe is still virtually unknown because it consists mostly of Dark Matter which invisible to us and cannot be assessed. Still scientists believe that the all of the luminous objects in our visible universe represents a mere 1% of the total mass.
SOCIAL STUDIES

Civics
GRADE 10
One Semester: .5 credit

Fundamental to the understanding of American government and culture is the core concept of democracy. Through this course, students will increase their knowledge of the founding principles and values of the U.S. Government, but more importantly, the students will learn to take their knowledge and apply it by becoming active participants in their communities. Throughout the course, students will engage in learning experiences that provide authentic interaction with the community through the adoption of a societal or public issue, student simulations of democratic processes such as the mock election participation, and discussions about the forming of their own core values.

Economics
GRADE 10
One Semester: .5 credit

Throughout their lives, students will encounter various economic concepts, principles, and issues. Students will need to be able to apply basic economic skills in order to be productive citizens and maneuver through the financial world. This course will provide a unique opportunity for students to combine their knowledge of the theoretical concepts with practical, real-life decisions about employment options, consumer choices, and personal finance. An understanding of basic economic concepts such as supply and demand, opportunity costs, recession, the business cycle, resources, scarcity, and economic growth will enable students to analyze local, state, national, and international economic questions and issues.

World History and Geography
GRADE 11
Two Semesters: 1 credit

Knowing how we are similar or different than those who came before us is intriguing and thought-provoking. This diverse World History course will explore those concepts and more as students examine the past. Students will compare the social, political, and economic structures as well as the impact religion has had around the world. Methods used include reading and analyzing stories from the past, class discussions and hands-on projects.
ELECTIVE COURSES

Global Events
Two semesters: 1 credit

The course gives students an opportunity to look at cultural and global issues from the perspective of how it impacts them individually, as a society and community. Students learn how political ramifications (both current and historical) impact societal views of culture. Students utilize similarities and differences as it relates to political ideology, religious affiliation, traditions, gender roles and other common themes of societal groups.

World Studies
Two Semesters: 1 credit

Global Studies begins by delving into the basics of geography and major religions around the world. The second semester focuses on three major countries, Brazil, Japan and India. The class will explore the culture, landscapes, major industries, and other key points of interest of each country. This class compares and contrasts cultural diversities, religions, socio-economics, and other significant topics.

Writing for Publication
One semester: .5 credit

Writing for Publication allows students to use their own creative and original ideas to develop pieces of written work. This class will focus on different genres of writing and teaching students to be proficient writers. With direction from the instructor, students will learn how to develop, edit and create compositions which can be featured in professional literary publications. The culminating activity will be the publication of a book of student’s creative literary work.
This class can be taken more than once for credit

Service Learning
Maymester: .5 credit

This course was developed with the intent of providing students with the opportunity to identify and address real-world problems using 21st century skills, leading to community collaboration for solution-focused outcomes. We hope to engage students in a way that they have a better understanding of their role in the world they live in. That by gaining skills of global awareness, citizenship, as well as, collaboration, critical thinking and problem solving, they can affect change in the Community. As well as, develop and prepare for post-high school by developing necessary career/college readiness skills.
Yearbook
One semester: .5 credit

This course offers students an opportunity to create and publish the school’s yearbook. Students learn how to take photos, design page layouts, use original ideas and learn editing skills to produce the final product. Students need to collaborate with other class members to brainstorm original ideas for the yearly theme. Students can take this course more than once for credit.

CREDIT RECOVERY

U.S. History/ELA 9 Credit Recovery
Two Semesters: 2 credits

This cross-curricular course provides students with an opportunity to earn credit in both U.S. History and ELA 9 in a regular seated classroom environment. Students will be learning about the course of U.S. History using ELA literature to support learning. The class will support proficiency in History, as well as, enhance reading and writing competency.

Student Academic Success
One Course: .5 credit

Student Academic Success is an intervention class to assist students in becoming successful in both seated and online credit recovery courses. It is also to provide students with tools to learn lifelong skills such as planning, time management, as well as discovering post-secondary interests and making a plan for after high school. Students will be required to keep weekly journals, planners and a system for organizing academics that will be reviewed weekly with Interventionists. Students can take this course more than once for credit.

Miscellaneous Online Courses
One Course: .5 credit

Students have a variety of online courses available to them through the virtual platform Gradpoint. These courses allow students to take elective and core courses needed for graduation. These courses will be assigned to students during their SAS hour and Online hours.
Oxford Crossroads Day School

2020-2021 Course Catalog
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**WELCOME TO OXFORD CROSSROADS DAY SCHOOL**

Dear Students,
This OCDS Course Catalog contains the information you will need to plan and select courses for your unique and individual educational path, and assists in the development of long range strategies for completing the required courses and earning the credits necessary for graduation.

It is important that you give serious thought to your educational path. It’s also important that students and someone you trust spend time having a conversation about the goals you want to achieve while you are a part of this program. Critical factors that should be included in these conversations are both the time and what is necessary to transition to your goal placement. Balancing all the above is not a place that students will perfect. However, we feel a great deal of consideration should be placed on improving how our students balance their busy schedules and lives.

Course offerings and staffing are based on the census of Crossroads for Youth. Seated classes will be scheduled first as virtual offerings will be available for credit recovery purposes and for students who are at or above grade level. Every student will be given a graduation audit and have a discussion with the building principal during the enrollment process.

We want to extend a warm welcome to Oxford Crossroads Day School, and look forward to working with you to ensure a successful school experience.

Sincerely,

The Oxford Crossroads Day School Staff
Diana Eldridge    Administrative Assistant
Megan VanSickle   Social Worker
Amy Wright    School Psychologist
Brian Trollman    Teacher
Rachel Markaity    Teacher
Paula Hartwig    Teacher
Mark Patterson    Teacher
Jean Denver    Teacher

CENTRAL OFFICE ADMINISTRATION
Tim Throne    Superintendent
David Pass    Ass. Sup. Of Human Resources
Ken Weaver    Ass. Sup. Of Curriculum & Instruction
Sam Barna    Ass. Sup. Of Business & Operations
Denise Sweat    Ass. Sup. Of Elementary Education
Anita Qonja    Executive Director of Elementary Instruction

BOARD OF EDUCATION
Mr. Thomas E. Donnelly Jr.
Mr. Dan D'Alessandro
Mr. Korey Bailey
Mr. Erick Foster
Mr. Chad Griffith
Mrs. Mary Hanser
Mrs. Heather Shafer

VISION STATEMENT
To create a world-class education today to shape tomorrow’s leaders.

MISSION STATEMENT
To provide an education that challenges all students to achieve their maximum potential in academics, arts, and athletics and prepares them to succeed in a global society

OXFORD STUDENT PROFILE / EXIT OUTCOMES

Oxford learners strive to be:

INQUIRERS They develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning will be sustained throughout their lives.

KNOWLEDGEABLE They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines.

THINKERS They exercise initiative in applying thinking skills critically and creatively to recognize and approach complex problems, and make reasoned, ethical decisions.

COMMUNICATORS They understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication. They work effectively and willingly in collaboration with others.

PRINCIPLED They act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them.

OPEN-MINDED They understand and appreciate their own cultures and personal histories, and are open to the perspectives, values and traditions of other individuals and communities. They are accustomed to seeking and evaluating a range of points of view and are willing to grow from the experiences.

CARING They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service, and act to make a positive difference to the lives of others and to the environment.

RISK-TAKERS They approach unfamiliar situations and uncertainty with courage and forethought, and have the independence of spirit to explore new roles, ideas and strategies. They are brave and articulate in defending their beliefs.

BALANCED They understand the importance of intellectual, physical and emotional balance to achieve personal well-being for themselves and others.

REFLECTIVE They give thoughtful consideration to their own learning and experience. They are able to assess and understand their strengths and limitations in order to support their learning and personal development.

GRADUATION REQUIREMENTS

Educational Development Plan (EDP)
- All students are required to have an EDP which will be updated annually. Students are encouraged to work with their parents to design a four-year planned program for grades 9-12.

**Credit Requirements**

- Eighteen (18) credits are required for graduation

<table>
<thead>
<tr>
<th>Graduation Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>0.5</td>
</tr>
<tr>
<td>Health</td>
<td>0.5</td>
</tr>
<tr>
<td>English Language Arts</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>World Language (2 Years while in High School)</td>
<td>2 or 1 (if replaced)</td>
</tr>
<tr>
<td>Electives</td>
<td>1 or 2 (when replacing language)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

**STATE ALLOWED GRADUATION MODIFICATIONS**

The State of Michigan has legislated that every student needs to complete all aspects of the Michigan Merit Curriculum. The State has allowed for the possibility that some students, with the support of their parents/guardian, may request a modification to the State graduation requirements. These modifications, which may produce a personal curriculum plan, are to be developed by a group consisting of the student, his or her guardian/parent, the student’s counselor and administrative designee. The modified plan will incorporate as much of the subject area contest expectations as practical, as well as alignment with the student’s educational development plan (EDP). It is also the responsibility of the student’s parents/guardian to monitor their child’s progress against the goals contained in the personal curriculum plan as well as contacting individual teachers at least twice per semester.

There are no modifications allowed to the State of Michigan requirements for Language Arts, World Language, Science, U.S. Civics, Algebra I and Geometry.

Students and their parents need to be aware that if a personal curriculum plan is granted and the student does not achieve proficiency in the required credits, the personal curriculum is null and void. They also need to understand that a personal curriculum plan may impact NCAA eligibility, college scholarships, and college admission decisions.

**ALTERNATIVE METHODS OF OBTAINING CREDIT**
Middle School Credits

Credit will be granted toward high school graduation for any student who successfully completes, prior to entering high school, a State-mandated curriculum requirement, provided he or she completes the same content requirements as the high school subject area, and the student has demonstrated proficiency as defined as earning a 78% or better for the course, including the final exam grade. Any student who earns high school credit in middle school will have the credit and grade earned posted to their high school transcript. However, the grade earned will not be factored into GPA or ranking formula. An explanation of the policy will be noted on the student’s transcript.

Test Out

Credit will be granted toward high school graduation for any student not enrolled in a course, but who has exhibited a reasonable level of knowledge of the course and has tested out by achieving a seventy-eight percent (78%) or better on a final cumulative exam for the course, or if there is no final exam, through basic assessment used for the course, which may consist of a portfolio, paper, project, presentation, or other established means. The course will appear on the student’s transcript with a “TO” designation for “Tested Out.” The class will not factor into the student’s GPA or Scholar Ranking formula. Please note: the school does not provide textbooks and/or course materials for students wishing to test out. Students are allowed to attempt testing out twice before a failure is denoted on their transcript for a particular course.

Personal Curriculum

A school district or public school academy annually shall notify each of its pupils and a parent or legal guardian of each of its pupils that all pupils are entitled to a personal curriculum under this subsection. The annual notice shall include an explanation of what a personal curriculum is and state that if a personal curriculum is requested, the public school or public school academy will grant that request.

ASSESSMENTS / STATE TESTING

Mandated State Testing
<table>
<thead>
<tr>
<th>SAT &amp; WorkKeys (All Juniors must complete)</th>
<th>-Early Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>To locate additional test sites and see additional testing dates and locations visit the SAT website at <a href="http://www.collegeboard.org">www.collegeboard.org</a></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MSTEP (All Juniors must complete)</th>
<th>-Early Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>The 11th grade MSTEP involves online testing in the areas of Science and Social Studies.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PSAT (All Freshman &amp; Sophomore must complete)</th>
<th>-Early Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th and 10th grade students will be taking the preliminary SAT in preparation for the SAT.</td>
<td></td>
</tr>
</tbody>
</table>

**Optional Testing**

<table>
<thead>
<tr>
<th>PSAT/NMSQT (Optional for Juniors)</th>
<th>-Early Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary SAT/National Merit Scholarship Qualifying Test.</td>
<td></td>
</tr>
<tr>
<td>Register with building administrator</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>To view test dates, locations and register for the ACT, go to <a href="http://www.actstudent.org">www.actstudent.org</a>.</td>
</tr>
</tbody>
</table>

The successful completion of all state-mandated tests is a requirement for graduation. All tests, with the exception of the ACT, will be given at Oxford High School.

**ACADEMIC PROGRESS**

Reports Cards
Report Cards are no longer mailed but can instead be viewed on PowerSchool and will be distributed via school messenger.

Grades and attendance may be checked daily on PowerSchool by parents/guardians, to better monitor your child’s academic progress and attendance. If you do not have internet access, please contact the Counseling Office for alternate methods for obtaining reports, 248-969-5150.

**Transcripts**

Transcript requests should be completed online. Oxford High School has joined forces with Parchment to bring you a safe, quick and paperless way to send transcripts directly to the colleges you choose. It’s easy secure and available 24/7. To register for your Parchment account, go to the Parchment link on the High School counseling website or go to www.parchment.com. Transcripts are free up to August 1st of your graduation year.

**SAT & ACT Test Scores**

Oxford Community Schools does not have the ability to send ACT or SAT test scores with the transcript. Your scores need to be sent directly from the test agency, either www.actstudent.org or www.collegeboard.com to each college.

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**COURSE OFFERINGS**

PE / Health 9/10 H 2800 PE / Health 9/10 P 2802
Grades: 9-10

Two Semesters

PE/Health 9/10 is a yearlong class that will incorporate health and physical education. The physical education portion will be focused on the student’s motor skills while encompassing their knowledge of fitness, sport, and dance activities. Assessments will include physical fitness testing, skill/task analysis; sports related writing assignments, and a collaborative rhythmic presentation. Students will build on their knowledge of rhythmic/aerobic/dance activities and recreational/individual/team sporting activities. The health education portion will concentrate on decision-making skills that have the potential to impact their health and wellness. Awareness and knowledge about current health issues and their consequences will be presented. Students will use the decision making process to assess their health choices. This course includes Oxford’s Reproductive Health Education curriculum, an abstinence based program, which meets the Michigan Legislation (MCL380.1507, 308.1507b, 380.1169). Assessments will include various projects and a comprehensive final exam.

Language Arts 9 4036 & 4037

Grades: 9

Two Semesters: 1 credit Prerequisite: none

Students in ELA 9 will continue with the International Baccalaureate Middle Years Programme, with a strong focus on the concept of “Coming of Age”. Throughout the two semesters, students will be graded using standards set forth by both the IB criteria, as well as Common Core State Standards to ensure college and career readiness. Instruction will cover all areas of English Language Arts: reading, writing, speaking, and listening. It is crucial for students to be active participants in all areas. Students will read a variety of fiction and non-fiction writings, but main works of study include Harper Lee’s To Kill a Mockingbird and William Shakespeare’s Romeo and Juliet. Grammar, vocabulary, and research skills will be taught in conjunction with the units of study. Independent reading will be a requirement for this class as well.

Language Arts 10 4046 & 4047

Grades: 9-10
Two Semesters: 1 credit  Prerequisite: Successful completion of Language Arts 9

English Language Arts 10 is the concluding year of the International Baccalaureate Middle Years Programme. The course is designed to meet the state's Common Core standards, college readiness standards, and the IB criteria. Students’ reading, writing, speaking and listening experiences are centered around cultural themes. Multiple fiction and nonfiction passages will be read, as well as the novel Things Fall Apart Chinua Achebe and the Greek play Antigone by Sophocles.

Language Arts 11 4056 & 4057
Grades: 10-11
Two Semesters: 1 credit Prerequisite: Successful completion of Language Arts 9 and Language Arts 10

In this two-semester course, students explore concepts that have formed American thought and conversation as it has evolved since the nation’s beginning. Students will read foundational works of American non-fiction ranging from Lincoln’s Second Inaugural Address, The Declaration of Independence, and essays by Emerson and Thoreau, and poetry by Langston and Hughes to longer works that include a drama by Arthur Miller and modern novels by Zora Neale Hurston and Jon Krakauer. Skills of the course involve close reading of texts, analysis of author’s craft and purpose, ability to choose and cite textual evidence, and acquisition and refinement of vocabulary, grammar, and research concepts. Such skills will be assessed in formal and informal writing, in impromptu speaking and prepared presentations, and on selection quizzes or tests. By working toward the aims of this class, students have opportunities to gain college and career readiness and to prepare for the English Language Arts sections of the SAT.

Language Arts 12 4066 & 4067
Grades: 12
Two Semesters: 1 credit Prerequisite: Successful completion of Language Arts 9 through 11

This challenging course provides practice of expository and personal writing for college and career readiness as well as a study of literary themes related to the units Heroic Journeys, Technology, and Diversity. Students read historical, postmodern, and contemporary literature. Essential objectives of the class include analyzing literature, acquiring vocabulary, and strengthening grammar and usage concepts. Students increase MLA research and documentation skills, as they create multimedia presentations.

Mentor 9501 & 9502
Grades: 9-12
One Semester: ½ credit Prerequisite: IEP and caseload teacher approval

Mentor seeks to improve academic achievement by: (1) strengthening self-management/executive functioning skills, (2) providing specially designed instruction targeted toward individualized areas of need, and (3) teaching skills/strategies to maintain progress in the general curriculum. Mentor is designed to proactively support progress in the general curriculum by implementing strategies such as time management, organization, project planning, and previewing/reviewing/re-teaching core class content as appropriate. Study Skills is a support class for students taking general education classes. Emphasis is placed on core classes as well as developing good study habits to enhance independence and confidence.

Algebra I 5122 & 5123
Grades: 9
Two Semesters: 1 credit Prerequisite: none

Algebra I is the first course in higher-level abstract mathematics that also teaches a connection to real-life problems. This class is designed to keep a steady pace that allows for coverage of required material and the opportunity to apply the material to real-world unpredictable situations. The focus is on learning the —rules‖ of algebra and working with linear equations. Particularly important is graphing linear equations, which connects algebra to geometry. Quadratic equations and functions are also studied and connected to real-life applications.

Algebra II 5302 & 5303
Grades: 9-12
Two Semesters: 1 credit Prerequisite: Successful completion of Algebra I and Geometry

This class is designed to keep a rigorous pace that allows for coverage of required material. Students taking this course have strong math skills and are willing and able to complete nightly homework assignments. The course focus is an in-depth study of many families of functions. While improving skills with the graphing calculator, students will study quadratic, polynomial, rational, probability, exponential, logarithmic, radical, statistical, and trigonometric functions. Many of the problems in the Algebra II course are designed to solve real-world unpredictable situations.

Algebra II A 5305 & 5306
Grades: 10 &-11 Two Semesters:
1 credit Prerequisite: Successful completion of Algebra I and Geometry

This course covers the first half of Algebra II over 2 semesters. After reviewing linear equations and inequalities, the course focus is an in-depth study of many families of functions. While improving skills with the graphing calculator, students study quadratics and polynomial equations. Many of the problems solved in the Algebra II course are real-life applications. A student must register for both Algebra II Year 1 and Algebra II Year 2.

Algebra II B 5308 & 5309

Grades: 11 & 12

Two Semesters: 1 credit Prerequisite: Successful completion of Algebra I and Geometry; if the student does not pass Algebra 2A, then they must enroll in Algebra 2A2

This course covers the second half of Algebra II over 2 terms and also covers additional topics. Successful completion of this course and Algebra II YR 1 is equivalent to the completion of Algebra II. The course focus is an in-depth study of families of functions. While improving skills with the graphing calculator, students study quadratics and exponential equations, logarithm, radical and rational functions. Many of the problems solved in the Algebra II course are real-life applications.

Geometry 5202 & 5203

Grades: 9-10

Two Semesters: 1 credit Prerequisite: Successful completion of Algebra I or instructor approval

This class is designed to keep a steady pace that allows for coverage of required material and the opportunity to apply the material to real-world unpredictable situations. This course examines the relationships and properties of lines, surfaces and polygons. In addition, students learn to logically organize persuasive arguments through the study and development of proofs. Topics include parallel lines, congruent and similar triangles, transformations, polygons and their properties, area, 3 dimensional figures with their volumes and surface area, circles and their properties and coordinate geometry.

Applied Geometry 5212 & 5213

Grade: 10
Two Semesters: 1 credit Prerequisite: Successful completion of Algebra I with instructor approval

This course, although similar to geometry, is not as rigorous as a traditional geometry course. The course examines the relationships and properties of lines, surfaces and polygons. Students learn to logically organize persuasive arguments through the study and development of simple proofs. Topics include; parallel lines, congruent and similar triangles, transformations, polygons and their properties, area, volume and surface area of 3 dimensional figures, circles and their properties and coordinate geometry. After successful completion of this course, a student would be expected to take the two-year Algebra II course.

Biology 6722 & 6723

Grades: 9-10

Two Semesters: 1 credit Prerequisite: none

This course is designed to meet the national and state standards for biological education. This course includes organization and development of living things; including molecular, biochemical, and physiological properties. Ecology; ecological studies and how living things interact with the environment. Genetics; including heredity, cellular division, nucleic acid and protein synthesis behavior, evolution and biodiversity theories and evidence. This course is designed to include scientific inquiry and reflection to increase science-processing skills.

Essential of Chemistry 6432 & 6433

Grades: 10-12

Two Semesters: 1 credit Prerequisite: Algebra I and Biology (or concurrent with Biology)

This course is one of the options to fulfill the state requirement of chemistry or physics. Students will learn about physical and chemical properties, atomic structure, the periodic table, chemical reactions and quantitative studies, states of matter, acids, bases, and transfer of heat. This class does not meet the requirements for advanced science courses such as; Advanced Placement Biology, Advanced Placement Chemistry, and Organic Chemistry.

Chemistry 6436 & 6437

Grades: 10-12
Two Semesters: 1 credit Prerequisite: Biology I (or concurrent with Biology) and Algebra I

This course will fulfill the state chemistry or physics curriculum requirement. This is a prerequisite for students intending to take AP Chemistry, AP Biology, and Organic Chemistry. This course will include International System units, quantitative processes, atomic structure, chemical names and formulas, periodic relationships, chemical reactions and quantitative analysis, gas laws, acids, bases, solutions, thermochemistry, nuclear chemistry, and equilibrium. Chemistry is recommended for students who intend to pursue a major in the sciences, engineering, technology, or medical fields at the collegiate level.

Forensic Science I 6301

Grades: 11-12

One Semester: ½ credit Prerequisite: Successful Completion of Freshman and Sophomore Science

Would you like to know how they solve the crimes on CSI? This course is a hands-on, lab-based class. Topics include: evidence collection; crime scene photography; hair, fiber and textile analysis; finger-prints and collection; glass evidence and crime scene scenarios. Tests will be traditional and analysis of simulated crime scenes.

Forensic Science II 6302

Grades: 11-12

One Semester: ½ credit Prerequisite: Successful completion of Forensic Science I (B or better) and Algebra I

Does “The Bug Guy” Dr. Gil Grissom, from CSI fascinate you? Would you like to be able to determine the time of death for your victim? This course is a hands-on, lab-based class. Topics include: blood spatter analysis; drug identification and toxicology; handwriting analysis; cause of death determination; forensic anthropology (bones and tool marks); and entomology. Some topics in this course may be disturbing due to content (cause of death determination and/or entomology). Tests will be traditional and analysis of simulated crime scenes.

Zoology/Botany 6522 & 6523

Grades: 10-12
Two Semesters: 1 credit Prerequisite: none

This course compares the structure and function of the six kingdoms of living organisms. This information is used to draw conclusions about interactions between the internal and external environment and how it relates to individual survival. This course includes numerous dissections of preserved specimens with full participation in laboratory activities required.

United States History 8966 & 8967

Grades: 9

Two Semesters: 1 credit Prerequisite: none

This course introduces students to the history of the United States from its emergence as a world power to the present day. The course divides the twentieth century chronologically into eras. Students learn to place major events of the century on a timeline and to analyze their cause and effect. Using primary and secondary sources, students explore time and place in the twentieth century. They compare conflicting accounts of the past and express informed judgments, both orally and in writing, about significant events that shaped the nation. Using a variety of media, they compile, analyze, and present historical data. Within their historical study of twentieth century America, students deepen their understanding of major geographical themes and basic economic concepts. Students also study significant changes in American government.

United States Civics 8432

Grades: 9-11

One Semester: ½ credit Prerequisite: none

This course deepens students’ knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their understanding of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy.

Economics 8752

Grades: 9-11
One Semester: ½ credit Prerequisite: None
This course introduces the discipline of economics. The overarching problem of scarcity, unlimited human wants pursuing limited resources, is a focal point of the course. Students deepen their understanding of basic economic concepts and apply them to national and international problems. In addition to their study of macroeconomics, students study personal finance and business in a free market economy. They learn about the banking system, taxation, productivity, marketing and advertising. Using a variety of media, they compile, analyze and present statistical data pertinent to economic problems. Students use their economic knowledge to make informed decisions as consumers and to participate as citizens in deciding matters of economic policy.

World History 8934 & 8935
Grades: 11
Two Semesters: 1 credit Prerequisite: none
This course engages students in the study of the modern world through key benchmarks in human history. Students will examine the historical origins of each concept they study while considering its geographical, social, political and economic dimensions. Through reading, writing, and project based learning students are able to deepen their understanding of World History. Students will also be introduced and master the strategy C.A.P.P.S (Content, Audience, Point of View, Perspective and Significance) to identify primary sources. As a result of this course students will be able to obtain a functional and thorough understanding of the world in which they live.

American Sign Language I 2201 & 2202
Grades: 9-12
Two Semesters: 1 credit Prerequisite: none
ASL 1 is an introduction to American Sign Language (ASL). The first semester of this course includes basic grammar, vocabulary, fingerspelling, numbers, and cultural information related to the deaf community. The second semester is a continuation of basic study of the language and culture; an opportunity to build receptive and expressive sign vocabulary; use of signing space; further use of non-manual components of ASL grammar including facial expressions.

American Sign Language II 2205 & 2206
Grades: 10-12
Two Semesters: 1 credit Prerequisite: Successful completion of ASL I

ASL III Is a continuation of the study of ASL. The first semester of this course includes vocabulary, daily conversations, presentations, and advanced fingerspelling/numbers. During the second semester, students will continue building their vocabulary. Students will get an introduction to interpreting ASL grammar. Students will be responsible for videotaping and writing about their progress during the year. Interaction with members of the deaf community in both directed and non-directed activities will be required.

Spanish I 2302 & 2303

Grades: 9-12

Two Semesters: 1 credit Prerequisite: none

Students will speak, read, write and understand basic Spanish. Students will learn how to conjugate verbs in the present and near future tenses. Students will be able to write sentences and short paragraphs in Spanish, as well as create dialogues and skits to perform in class. Students will begin to explore the Spanish-speaking culture in the United States and around the world.

Spanish II 2312 & 2313

Grades: 9-12

Two Semesters: 1 credit Prerequisite: Successful completion of Spanish I

This course is a continuation of the study of Spanish I. Students will continue to expand their knowledge of Spanish with thematic units. Students will also learn the past tense. Students will participate in skits, dialogues and cultural study.

VIRTUAL OFFERINGS

Virtual classes through Oxford Virtual Academy are granted on a case-by-case basis. During a student’s graduation audit completed with the principal courses not offered as a seated option can
be loaded online. The student must agree to the technology agreement of Oxford Community Schools and the contract at OCDS.

NONDISCRIMINATION CLAUSE Non-Discrimination Clause: Oxford Community Schools does not discriminate on the basis of race, color, religion, national origin, sex (sexual orientation or gender), disability, age, height, weight, marital status or any other legally protected characteristic, in its programs, services or activities, including employment opportunities. The following person has been designated to handle inquiries regarding the nondiscrimination policies: David Pass, Assistant Superintendent of Human Resources, 10 North Washington Street, Oxford, MI 48371, (248) 969-5004.
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Oxford Community Schools Board of Education
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Gianna Mrozek, Assistant Principal
Christine Smith, Director of Shared Time
Mark Suckley, OSEC Coordinator

Oxford Virtual Academy Full-Time Mentors and Content Teachers
Amanda Beloungea, Austin Brantley, Shiloh Christie, Kristen Dahlke, Amy Emenhiser, Kayla Glenn, Michelle Green, Amy Greenspan, Donna Griffin, Pam Harvell, Tracey Hurford, Lara Ibrahim, Allison Kasten, Seta Keon, Gail Kozyra, Tatijana Mankiewicz, Laura Merritt, Jared Ostrom, Basia Ostrowski-Riera, Angela Rasmussen, Beth Reamsnyder, Jessica Robbins, Rebecca Rodd, Jamie Rodda, Tricia Slone, Andrea Steaban, Katherine Tanveski, Lisa Wanecek
Introduction

A school without walls, the Oxford Virtual Academy (OVA) is all about options and flexibility. OVA offers self-paced, standardized virtual curriculums with guidance and supervision to ensure work is done correctly and students stay on track. The virtual school offers online courses to all district students and personalized to meet the needs of each student. All classes are online and available 24/7 independent of the type of class or origin of the student. Oxford Community Schools does not provide transportation for online courses.

Vision Statement

To create a world-class education today to shape tomorrow's leaders

Mission Statement

To provide an education that challenges all students to achieve their maximum potential in academics, arts, and athletics and prepares them to succeed in a global society

At Oxford Community Schools we are committed to creating lifelong inquirers who are caring, contributing members of a global society. Believing that every student is unique, we offer diverse opportunities in academics, athletics, and the arts. Oxford Community Schools have a true passion for education and set high expectations for both our staff and our students. Together we can help students achieve their maximum potential.

Philosophy

Oxford Virtual Academy takes the distance out of distance learning by working in partnership with families to provide rigorous academic preparation that is teacher-mentored, parent-directed and customized to meet the needs of students from all academic backgrounds. OVA continues to provide improved student learning while maintaining positive family relationships based on trust and a shared belief that the student always comes first.

Nondiscrimination Policy

All courses offered by Oxford Schools follow the district policies of nondiscrimination on the basis of race, color, religion, national origin or ancestry, gender, age, or disability. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

Enrollment

New enrollments into Oxford School District are serviced through Oxford Virtual Academy at 168 S. Washington Oxford, MI 48371. School of Choice (Out of District Resident) new enrollments are twice annually. Open enrollment dates for new students are based on board approval. In district transfers occur at semester breaks only and are subject to approval.
Oxford’s Portrait of a Graduate:

The Portrait of a Graduate articulates our shared vision for all Oxford students as a result of their educational experiences in Oxford Community Schools. We considered the career aspirations our students may have and included the characteristics and competencies they will need to be successful in an ever-evolving, global society.

Student Profile/Exit Outcomes – Oxford learners strive to be:

Inquirers
They develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning will be sustained throughout their lives.

Knowledgeable
They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines.

Thinkers
They exercise initiative in applying thinking skills critically and creatively to recognize and approach complex problems and make reasoned, ethical decisions.

Communicators
They understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication. They work effectively and willingly in collaboration with others.

Principled
They act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them.

Open-minded
They understand and appreciate their own cultures and personal histories and are open to the perspectives, values and traditions of other individuals and communities. They are accustomed to seeking and evaluating a range of points of view and are willing to grow from the experiences.

Caring
They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service and act to make a positive difference to the lives of others and to the environment.

Risk-takers
They approach unfamiliar situations and uncertainty with courage and forethought and have the independence of spirit to explore new roles, ideas and strategies. They are brave and articulate in defending their beliefs.

Balanced
They understand the importance of intellectual, physical and emotional balance to achieve personal well-being for themselves and others.

Reflective
They give thoughtful consideration to their own learning and experience. They are able to assess and understand their strengths and limitations in order to support their learning and personal development.
Graduation Requirements
All students are required to have an EDP. Students, working with their parents, will design a four-year planned program for grades 9-12. The EDP is filed in each student record and reviewed annually.

<table>
<thead>
<tr>
<th>Graduation Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>English/Language Arts</td>
<td>4</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>World Language</td>
<td>2</td>
</tr>
<tr>
<td>Physical Education</td>
<td>.5</td>
</tr>
<tr>
<td>Health</td>
<td>.5</td>
</tr>
<tr>
<td>Visual and Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>Remaining Electives</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

**Mathematics: 4 Credits**
- Algebra I (1 credit)
- Geometry (1 credit)
- Algebra II (1 credit)
- 1 credit during Year 4

**English/Language Arts: 4 Credits**
- English 9 (1 credit)
- English 10 (1 credit)
- English 11 (1 credit)
- English 12 (1 credit)

**Science: 3 Credits**
- Biology (1 credit)
- Chemistry (1 credit)
- Physics (1 credit)
  - OR
- Biology (1 credit)
- Physical Sci. C/P (1 credit)
- Chemistry or Physics (1 credit)
  - OR
- Biology (1 credit)
- Chemistry (1 credit)
- Physical Sci. P (½ credit)
- Science Elective (½ credit)

**Social Studies: 3 Credits**
- U.S. History & Geography (1 credit)
- Economics (½ credit)
- U.S. Civics (½ credit)
- World History & Geography (1 credit)

**World Language: 2 Credits**
*Class of 2016 and Beyond - Must be sequential courses*
- Physical Education: ½ Credit
- Health: ½ Credit
- Visual and Performing Arts: 1 Credit
- ACT/SAT Preparation (Recommended): ½ Credit
High School Core Requirements Flow Charts

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Language Arts Sequence (to meet basic requirements)</td>
<td>Language Arts 9</td>
<td>Language Arts 10</td>
<td>Language Arts 11</td>
</tr>
<tr>
<td></td>
<td>Language Arts 9 (during 8th Grade 78% or above)</td>
<td>Honors Language Arts 9</td>
<td>Honors Language Arts 11 or AP English Language</td>
</tr>
<tr>
<td>Accelerated Language Arts Sequence (to allow advanced course work)</td>
<td>Honors Language Arts 9</td>
<td>Honors Language Arts 10</td>
<td>Honors Language Arts 12 or AP English Literature</td>
</tr>
<tr>
<td>General Math Sequence (to meet basic requirements)</td>
<td>Algebra I</td>
<td>Geometry</td>
<td>Algebra II</td>
</tr>
<tr>
<td></td>
<td>Algebra or Geometry (during 8th Grade 78% or above)</td>
<td>Applied Geometry</td>
<td>Senior Math Elective or Precalculus</td>
</tr>
<tr>
<td>Accelerated Math Sequence (to allow advanced course work)</td>
<td>Geometry or Algebra II</td>
<td>Algebra II or Precalculus or Trigonometry</td>
<td>Precalculus or Trigonometry or Calculus or AP Calculus</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Calculus or AP Calculus or AP Statistics</td>
</tr>
</tbody>
</table>
High School Core Requirements Flow Charts (Continued)

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Science Sequence (to meet basic requirements)</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Physical Science C &amp; P</td>
<td>Chemistry or Physics</td>
</tr>
<tr>
<td>Accelerated Science Sequence (to allow advanced course work)</td>
<td>Biology</td>
<td>Honors Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td>General Social Studies Sequence (to meet basic requirements)</td>
<td>US History and Geography</td>
<td>Civics and Economics</td>
<td>World History and Geography</td>
</tr>
<tr>
<td>Accelerated Social Studies Sequence (to allow advanced course work)</td>
<td>US History and Geography</td>
<td>Civics and Economics</td>
<td>AP World History or World History and Geography</td>
</tr>
</tbody>
</table>
Requirement Modification Options for High School Diploma

The State of Michigan has legislated that every student needs to complete all aspects of the Michigan Merit Curriculum. The state has allowed for the possibility that some students, with the support of their parents/guardians, to request a modification to the state graduation requirements. These modifications, which may produce a “personal curriculum plan,” are to be developed by a group consisting of the student, his or her guardian/parent, the student’s counselor, content teacher, and administrative designee. The modified plan will incorporate as many of the subject area content expectations as practical, as well as, align with the student’s educational development plan (EDP). It is also the responsibility of the student’s parents/guardians to monitor their child’s progress in the goals contained in the personal curriculum plan as well as to contact individual teachers at least twice per semester.

There are no modifications to the State of Michigan requirements for Language Arts, World Language, Science, Civics, Algebra I and Geometry. Requests for modifications to health/physical education and visual/performing arts requirements based on additional courses beyond required credits in Language Arts, Math, Science, Social Studies, or World Language will be permitted only if there is no elective class within the student’s schedule that can be dropped to add the state requirement.

Students and their parents need to be aware that if a personal curriculum plan is granted and the student does not achieve proficiency in the required credits, the personal curriculum is null and void. They also need to understand a personal curriculum plan may impact NCAA eligibility, college scholarships, and college admission decisions.

Units of Credit
Credit is awarded in units of ½ for the successful completion of a semester course for grades nine through twelve. An exception is that some vocational, technical and cooperative courses are multiple period courses, and students receive credit corresponding to the amount of time spent in class or on the job.

Optional Learning Opportunities

Credit Recovery
Students are offered the opportunity to make-up credit online, after school and during the summer on a first-come basis. There is a fee for each 1/2 credit.

Independent Study
An independent study is a learning experience for qualified high school students that is not part of the regular course offerings. The student and teacher prepare a formal agreement outlining student and teacher expectations. A maximum of 1 credit is allowed toward graduation. Requires counselor pre-approval.

Oakland Schools Technical Centers (OSTC)
OSTC schools offer career preparation programs in three hour blocks of intensive, hands-on technical vocational curriculum. Students attend ½ day at OSTC and ½ day in their home school. For more information, visit: http://www.ostconline.com/

Seated Courses
The Oxford Virtual Academy students may also attend classes at Oxford High School, Oxford Middle School, any of the 5 Oxford Elementary Schools. Students may also participate in any sports program offered by Oxford Community Schools (must meet eligibility requirements).
Alternative Methods of Obtaining High School Credits

**Middle School Credits**
Credit will be granted toward high school graduation for any student who successfully completes a State-mandated curriculum requirement prior to entering high school provided s/he completes the same content requirements as the high school subject area; and, the student has demonstrated proficiency as defined by earning a seventy-eight percent (78%) or better for the course including the final exam grade.

Any student who earns high school credit in middle school will have the credit and grade earned posted to their high school transcript; however, the grade earned will not be factored into GPA. An explanation of the policy will be noted on the student’s transcript.

**Test Out**
Credit will be granted toward high school graduation for any student not enrolled in the course but who has exhibited a reasonable level of knowledge of the subject-matter of the course and has tested out by achieving a seventy-eight percent (78%) or better on a final cumulative exam for the course; or, if there is no final exam, through basic assessment used for the course which may consist of a portfolio, paper, project, presentation, or other established means. The course will appear on the student’s transcript with a “TO” designation for “Tested Out.” The class will not factor into the student’s GPA. Please note, the school does not provide textbooks for students wishing to “Test Out.” Students are allowed to attempt testing out twice before a “failure” is denoted on their transcript for a particular course.

**Post-Secondary**
In an effort to meet student needs and interests, school districts have allowed their students to attend courses at local colleges or universities in addition to their own high school. Effective April 1, 1996, Public Act 160 created the Postsecondary Enrollment Options Act which directs school districts to assist students who meet all of the necessary qualifications in paying tuition and fees for courses at Michigan public or private colleges or universities. To qualify, all the following conditions must be met:

1. Students must meet qualifying test scores: see chart on next page.
2. Students must be enrolled in both the school district and postsecondary institution during the local school district’s regular academic year and must be enrolled in at least one high school class.
3. The college courses cannot be a hobby, craft, or recreation courses; nor can they be courses in physical education, theology, divinity, or religious education.
4. Proof of registration in college courses must be provided to OVA before the first day of classes each semester.

See your counselor if:

- You believe you are eligible for the Postsecondary (Dual Enrollment) option,
- You believe you qualify for tuition and fee support, and
- You wish to participate.
Dual Enrollment Requirements

The following scores, set by the Michigan Department of Education (MDE), must be met to be eligible for dual enrollment:

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Test Section</th>
<th>Content Area</th>
<th>Minimum Dual Enrollment Qualifying Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explore</td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Reading</td>
<td>Reading</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Science</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>English</td>
<td>13</td>
</tr>
<tr>
<td>PLAN</td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>Reading</td>
<td>Reading</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Science</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>English</td>
<td>15</td>
</tr>
<tr>
<td>ACT</td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Reading</td>
<td>Reading</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Science</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>English</td>
<td>18</td>
</tr>
<tr>
<td>COMPASS</td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td>Reading</td>
<td>Reading</td>
<td>88</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>English</td>
<td>77</td>
</tr>
<tr>
<td>MME</td>
<td>Reading</td>
<td>Reading</td>
<td>1108</td>
</tr>
<tr>
<td></td>
<td>Writing</td>
<td>Writing</td>
<td>1100</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>1116</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Science</td>
<td>1126</td>
</tr>
<tr>
<td></td>
<td>Social Studies</td>
<td>Social Studies</td>
<td>1129</td>
</tr>
<tr>
<td>PSAT</td>
<td>Critical Reading</td>
<td>Reading</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>Writing Skills</td>
<td>Writing</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>44</td>
</tr>
<tr>
<td>SAT</td>
<td>Critical Reading</td>
<td>Reading</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td>Writing Skills</td>
<td>Writing</td>
<td>500</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>500</td>
</tr>
<tr>
<td>ACCUPLACER</td>
<td>Reading Comp</td>
<td>Reading</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>Sentence Skills</td>
<td>Writing</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>Mathematics</td>
<td>TBD</td>
</tr>
</tbody>
</table>

*ACCUPLACER qualifying scores are typically specific to a state or Institution of Higher education (IHE). The MDE will work with The College Board and Michigan IHEs to build consensus around Minimum Dual Enrollment Qualifying Scores on this assessment.
Academic Honors for High School Graduation

Oxford Virtual Academy uses the “Cum Laude With Honors” recognition program instead of the concept of designating a valedictorian and salutatorian at graduation. The rationale for this was to adopt a form of recognition that most colleges and universities use to acknowledge their most successful students at graduation. For the purpose of calculating the qualifying grade point averages, all classes posted on the OVA transcript would be included, up to and including the final semester of the students’ senior year.

The categories for distinction under the proposed “Cum Laude with Honors” graduation recognition program are as follows:

- Summa Cum Laude - meaning “with the highest praise” is the highest recognition awarded at graduation. To graduate summa cum laude, a student must achieve a 3.70 or higher grade point average on a 4.00 scale.
- Magna Cum Laude – meaning “with great praise” is the second highest recognition awarded at graduation. To qualify for magna cum laude, a student must achieve a 3.50 – 3.69 grade point average on a 4.00 scale.
- Cum Laude – meaning “with praise” is the third recognition awarded at graduation. To qualify for cum laude, a student must achieve a 3.20 – 3.49 grade point average on a 4.00 scale.

Students will be encouraged to try AP level courses. This will assist learners with college entrance and course resume; improving ACT scores (college entrance); and allow for better academic preparation for successful college experiences.

Weighted Grade Criteria
For all Advanced Placement (AP) and Dual Enrollment courses, a +0.5 point adjuster will be awarded for the successful completion of the course.

College Preparation
Presidents Council, State Universities of Michigan recommended college preparatory program:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years required</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 years required (including intermediate algebra)</td>
</tr>
<tr>
<td>Sciences</td>
<td>3 years required; 4 years strongly recommended</td>
</tr>
</tbody>
</table>
  - Biology, Chemistry or Physics |
| Social Sciences   | 3 years required                              |

Prospective students are also encouraged to complete courses in the following areas:

- World Language: 3 years strongly recommended
- Fine/Performing Arts: 2 years strongly recommended
- Computers: 1 year strongly recommended

The universities recognize that, for a variety of reasons, some students may not be able to complete all the requirements. In such circumstances, students may still be considered for admission and, therefore, are encouraged to apply to the university of their choice.

The standards and requirements for admission are different for each public university and certain programs may have special requirements. Whatever the area(s) of interest, the student should get detailed information about specific admissions requirements from a school counselor or from the proper admissions office. In considering individual potential to be a successful student, each university looks at the student’s high school record. Factors such as grade point average, test scores, special abilities, scholastic activities, and work experience are also important.
NCAA Eligibility

Core Courses
- NCAA Division I requires 16 core courses. NCAA Division II currently requires 14 core courses. Division II will require 16 core courses for students enrolling on or after August 1, 2013. See the charts below.
- NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.
  - Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Test Scores
- Division I uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average
- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- Division I students enrolling full time before August 1, 2016, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000 (corresponding test-score requirements are listed on Sliding Scale B).
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B).
- The Division II core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

Division I - 16 Core Courses
- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 1 year of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

Division II (2013 and after) - 16 Core Courses
- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 3 years of additional English, mathematics or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org
Overview of Content Providers

**Apex Learning** is the leading digital curriculum provider of blended and virtual learning for the nation’s public school districts and charter schools. The company’s comprehensive, standards-based online courses help schools successfully engage all students in rigorous coursework that prepares them for high school graduation, college, and beyond. Multimedia instructional content motivates and engages students, provides multiple representations of concepts, and addresses different learning styles. Students move at their own pace, taking as much — or as little — time as they need to master the material. The Apex Learning curriculum supports success for all students, from those not prepared for grade-level academic challenges to those capable of advanced coursework.

**Accelerate Education** provides online courses for Kindergarten through 12th to meet the needs of students. The curriculum offers rich and engaging content that has been carefully designed to meet the standards. Students are engaged in a variety of activities and assessments appropriate to the courses being studied, including labs, journals, written assignments, discussions, group and individual projects, formative assessments, objective tests, and written exams.

**Acellus** standards-based courses cover all core areas, K-12. Electives, credit recovery, and AP courses are also available. Acellus courses are interactive, self-contained educational programs that carefully guide the student through each lesson.

**ASL Deafined** contains over 300 themed lessons and provides how-to video courses taught by Deaf experts. With ASL Deafined, it’s easy and fun to learn American Sign Language.

**Calvert** has more than 100 years of experience educating children. Their heritage is grounded in delivering results outside the traditional classroom. Using proven, time-tested curriculum and assessment methods they employ the right mix of print and/or digital formats for each grade. Calvert uses an inquiry-based method of learning which allows students to absorb subject matter and apply knowledge in vibrant, expressive ways. Their recent innovations in project-based learning add fun and engagement and allow students to collaborate with their peers.

**Connexus by Pearson (Connections Learning)** brings quality education directly to you and your students with a proven online curriculum, the latest instructional tools, certified teachers skilled in online instruction, and our state-of-the-art platform. Whether you’re looking for Advanced Placement, foreign languages, gifted, or other curriculum or technology options that your school or district just can’t provide, Connexus by Pearson has everything you need for an educationally sound online learning program that meets your child’s needs.

**GradPoint** puts unparalleled, proven curriculum at your fingertips so you can deliver an educational experience that is uniquely designed for each student and keeps them interested, motivated and moving forward. For middle school, GradPoint gives you the flexibility to offer core courses or smaller units to focus students who may need remediation. For high school, GradPoint delivers courses built from instructional design best practices that incorporate video, interactive activities, immediate feedback, and assessments to ensure mastery and authentic work. And with continuous support, content updates and course releases, you’ll always be connected to the best in online learning.

**Edgenuity** has award-winning courses that combine rigorous content with direct-instruction videos from expert, on-screen teachers, multimedia, and interactive learning tools and resources to engage and motivate students. With a range of core curriculum, AP®, elective, Career and Technical Education (CTE), dual credit, and credit recovery courses based on the rigor and high expectations of state, Common Core and iNACOL standards and designed to inspire life-long learning, Edgenuity’s courses are fully flexible for use in any blended or online learning model.
Edgenuity/PowerspeaK¹², developed specifically for kids means effective for kids, some language learning programs marketed for children and teens are really adult programs that have essentially been repackaged and re-marketed for students. Not powerspeaK¹², powerspeaK¹² courses were designed from the start for kids, whose young minds are still open to learning a language as a native speaker. This is important, because by the time we are adults; the language “compartments” in our brains have narrowed, diminishing our ability to comfortably learn a language like a native speaker. powerspeaK¹² taps into, and capitalizes on, the innate ability that kids possess to learn languages quickly and easily.

eDynamic Learning is one of North America’s largest providers of high school career and elective courses. Since 2008, they have developed over 80 specialized, high-interest courses rarely found in other catalogs. With eDynamic, students learn with unlimited flexibility. Their courses are mobile, accessible, and engaging and can be accessed from any device at any time and are inclusive for all types of learners. Their coursework promotes knowledge-building and critical thinking skills. Students are asked to review and apply key course concepts to various situations and personal experiences. By driving career exploration at the secondary level, eDynamic Learning ensures that students leave high school with a firm understanding of their interests and aptitudes and the preparation necessary to make college and career decisions.

Lincoln Learning is a fully-accredited graduation curriculum provided by the National Network of Digital Schools that combines traditional and technology-enabled teaching methods in the 21st century classroom. The 21st century classroom lets both students and teachers expand the education process by blending traditional teaching tools with new technology. Using this combination, the 21st century classroom can exist anywhere. The Lincoln Interactive curriculum combines excellent instruction with hands-on discovery to engage students and keep them interested. Our blended learning approach allows students to apply what they learn to real-world situations. They can experience web investigations, lab experiments, PowerPoint presentations, videos, games, and more. Lincoln Interactive students are able to communicate online with their teacher facilitators to ask questions, submit assignments, and receive feedback and grades. Our students also have the ability to connect with other students through email, discussion boards, and social networking.

Method Teacher was born when a music teacher met an e-learning developer. Four years later we launched our first course. The rest is history. Our focus is giving educators the framework and tools they need to offer applied music education at their school, whether online or brick-and-mortar.

Middlebury Interactive Languages' digital K-12 world language courses in Spanish, French, Chinese and German give students the opportunity to immerse themselves in language and culture in an interactive online environment. The curriculum—developed by Ph.D.-level academics and linguistic experts—is supported by decades of research showing that students need exposure to authentic materials and frequent opportunities to interact in the target language. Courses utilize principles of the immersive language pedagogy and teaching methodology used at Middlebury College’s renowned Language Schools to help students gain a stronger base of comprehension and to accelerate language learning.

Pearson Connexus is Pearson’s newest platform that combines their Gradpoint and Connexus course offerings under one roof. See accompanying descriptions for Gradpoint and Connexus for more information.

Prepworks is the leader in online personalized learning, and their award-winning adaptive technology customizes each course to fit students’ specific academic needs. Available on any internet-ready device, Prepworks test prep programs can be accessed at anytime, anywhere. It is much more than video lessons and practice questions. Their LPS technology customizes each student’s course based on individual performance and potential and delivers Personalized Learning Paths to help them achieve their best scores. Combining hundreds of animated HD videos, thousands of practice questions with step-by-step solutions, and engaging instructional activities, Prepworks explores essential foundational concepts and teaches proven test strategies that help students significantly improve test scores.
Pointful Education offers students a unique learning experience and pathways to prepare for industry certifications, engage in career exploration and learn about new and future technologies. Courses are designed for secondary and post-secondary students and offer a robust solution for Career Technical Education (CTE), virtual and blended learning, STEM programs, homeschool enrichment, and much more!

Full Listing of Courses with Descriptions

The full Oxford Virtual Academy Course Catalog is available online at https://courses.oxfordvirtualacademy.org/.
1960's America
Have you ever wondered what life was like in the 1960s? This course will let students experience the time in which their parents and grandparents lived. It will cover the social, political, and cultural movements and changes that occurred during the decade. Some of the topics explored within this course include the transition from the Happy Days to the Radical Movement, the Vietnam War, and civil rights. The course also focuses on significant headlines of the 1960s that include the assassinations of Robert Kennedy, President John F. Kennedy, and Dr. Martin Luther King, Jr. as well as the Space Race, music of the 1960s, and the effects of pop culture. In addition, students will be able to apply and further what they have learned by interviewing neighbors and relatives who lived through the examined time period and events.* Prerequisites: None

2D Studio Art MS
Close your eyes and imagine you are standing in an art studio the smell of paint, the heat of the kiln, and the infinite creative possibilities that linger in the air. This is where art is born, and in 2D Studio Art, you will learn how to bring your artistic visions to life. Whatever medium you prefer painting, drawing, photography this course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing. If you have ever dreamed of making a living as an artist, this course will give you the tools and background that you need to turn those dreams into a reality!* Prerequisites: None

3D Art & Technology EL
Through a multidisciplinary approach, students will explore and apply the techniques, elements, principles, intellectual methods, concepts, and functions of the visual, performing, or applied arts discipline to communicate ideas, emotions, experiences, address opportunities to improve daily life, and solve problems. Students will be able to demonstrate skillful use of appropriate vocabularies, tools, instruments, and technologies of the visual, performing, or applied arts discipline.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

3D Art & Technology HS
Through a multidisciplinary approach, students will explore and apply the techniques, elements, principles, intellectual methods, concepts, and functions of the visual, performing, or applied arts discipline to communicate ideas, emotions, experiences, address opportunities to improve daily life, and solve problems. Students will be able to demonstrate skillful use of appropriate vocabularies, tools, instruments, and technologies of the visual, performing, or applied arts discipline.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

3D Modeling
Are you interested in a career in technology? Are you curious about working in fields like virtual reality, video game design, marketing, television and motion pictures, or digital imaging? If so, this course in 3D Modeling is a great place to start as it is the foundation for all these career paths. Gain a deeper understanding of graphic design and illustration as you use 3D animation software to create virtual three-dimensional design projects. None in on your drawing, photography, and 3D construction techniques and develop the skills needed to navigate within a 3D digital modeling workspace. This course is an excellent introduction to careers in the fast-growing field of technology and design.* Prerequisites: None

Academic Center Elementary
Academic Center is designed for students who need additional time with a certified teacher to work on concepts covered in their academic courses. This course is designed to improve students’ academic performance. Students are expected to bring academic materials with them every day. Computers with Internet access are also available for student use during the class period. Students receive instruction from the academic seminar teacher on skills such as effective communication, goal setting, information processing, focus, organization, problem solving, and time management. This course may be taken each semester and for multiples years as needed. * Prerequisites: Counselor Approval

Academic Center High School
Academic Center is designed for students who need additional time with a certified teacher to work on concepts covered in their academic courses. This course is designed to improve students' academic performance. Students are expected to bring academic materials with them every day. Computers with Internet access are also available for student use during the class period. Students receive instruction from the academic seminar teacher on skills such as effective communication, goal setting, information processing, focus, organization, problem solving, and time management. This course may be taken each semester and for multiples years as needed. * Prerequisites: Counselor Approval

Academic Center Middle School
Academic Center is designed for students who need additional time with a certified teacher to work on concepts covered in their academic courses. This course is designed to improve students' academic performance. Students are expected to bring academic materials with them every day. Computers with Internet access are also available for student use during the class period. Students receive instruction from the academic seminar teacher on skills such as effective communication, goal setting, information processing, focus, organization, problem solving, and time management. This course may be taken each semester and for multiples years as needed. * Prerequisites: Counselor Approval

Accounting I
This course provides students with an introduction to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships.* Prerequisites: None

Accounting II
Accounting II builds on the foundation acquired in Accounting I, allowing students to extend their skills and knowledge in the subject. The course focuses on various managerial, financial, and operational accounting activities that require the formulation, interpretation, and communication of financial information for use in management decision making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources. This course allows students to explore careers in accounting while learning financial skills applicable to any professional setting. Students engage in project-based activities such as analyzing financial statements, implementing the accounts payable and accounts receivable process, and determining payroll expenses and taxes. Active learning ensures that students continually focus on the technical and interpersonal skills necessary to prepare them for workplace. In addition, students evaluate the roles and qualifications required for specific accounting careers, so they can identify opportunities that interest them. Accounting II is a full-year advanced Career and Technical Education course applicable to programs of study in the Finance or Business Management and Administration career clusters. This course is built to state and national CTE standards. Students who successfully complete the course will be prepared to pursue certifications such as Associate in Regulation and Compliance, Certified Management Accountant, or Certified Quality Auditor. * Prerequisites: Accounting I

ACT Prep
ACT Prep Course assists students with test preparation and content that the student may be tested on during the actual exams. These prescriptive courses ensure that students focus on the areas where extra assistance is needed. ACT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual ACT assessments. This is a pass/fail course.* Prerequisites: Accounting I

Administrative Duties and Office Management
Students learn the skills and knowledge required to perform tasks in the administrative department of a medical office. Topics include, but are not limited to, receiving patients, scheduling appointments, handling medical records, and processing insurance claims.* Prerequisites: None

Adobe Illustrator Course
This course introduces students to the Adobe Illustrator and prepares students to take the ACE Certification Exam on Illustrator. Students will get an insight into what it is like working in the graphic design industry. Students will learn everything from absolute basics like navigating Illustrator to performing complex tasks like managing colors, drawing, creating illustrations, and much more. The course contains guided video tutorials, hands-on projects, and step-by-step resources that help students learn how to work in Illustrator.* Prerequisites: None
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<td>Adobe InDesign Course</td>
<td>This course introduces students to the world of Adobe InDesign and prepares students to take the ACE Certification Exam on InDesign. Students will get an insight into what it is like working in the print and digital media publishing industry. Over 10 modules, students will learn everything from absolute basics like navigating InDesign to performing complex tasks like creating multi-page documents, applying effects, and even creating original artwork. The course contains guided tutorials, do-it-yourself projects, and great resources that will help students practice and learn how to work in InDesign.* Prerequisites: None</td>
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<td>Adobe Photoshop Course</td>
<td>This course prepares students to demonstrate expertise in Adobe Photoshop software and take the ACE Certification Exam on Photoshop. Students will learn through engaging and interactive content, projects and practice exam items aligned to the learning objectives outlined by Adobe exam specifications. Students will leave this course with career-ready, real-life skills in one of the most popular software programs in the world!* Prerequisites: None</td>
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<td>Advanced Natural World Projects EL</td>
<td>In this course, our younger and more advanced students will explore the natural world through this multidisciplinary course. The natural world is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Advanced Natural World Projects HS</td>
<td>In this higher level course, students will explore the natural world through this multidisciplinary course. The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World, is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well. Where students have options to further explore botany, landscape design, or vegetable gardening research and practice. Each pathway and project involves art and technology as well as a final collaborative project &amp; presentation.??* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Advanced Physical World Projects EL</td>
<td>In this advanced multidisciplinary course, younger students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles. Students will collaborate on a group project and be required to participate in a final presentation.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Advanced Physical World Projects HS</td>
<td>In this advanced multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles. Students will collaborate on a group project and be required to participate in a final presentation.??* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Advanced Physical World Projects MS</td>
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<td>Advertising</td>
<td>Throughout the Advertising course, students discover the various ways that advertising touches their lives. Students learn to identify what customers need and want so that various companies are able to advertise and sell a variety of products and services. Students learn to identify customers' desires and discover what is needed to create, advertise, and sell products to fit these needs. The course guides students to develop the skills they need as consumers and advertisers. Also, the course provides a solid foundation for those students contemplating careers in marketing, advertising, or other business-related fields.* Prerequisites: None</td>
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<td>Advertising and Sales Promotion</td>
<td>What comes to mind when you think of &quot;marketing&quot;? Perhaps a familiar television jingle plays in your head? Or maybe you think of those irritating sales phone calls? There's no denying the sheer magnitude and power of the marketing industry. Every year companies spend approximately $200 billion promoting their products and services—that's just in the United States alone! You may be familiar with being on the receiving end of marketing, but what's it like on the other side? In Advertising and Sales Promotions, you'll see how these marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. You'll learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.* Prerequisites: None</td>
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<td>African American History</td>
<td>Over the course of U.S. history, how have African Americans helped shaped American culture? This African American History course answers that question by tracing the accomplishments and obstacles of African Americans beginning with the slave trade on up to the modern Civil Rights movement. What was it like during slavery, or after emancipation, or during the years of discrimination under Jim Crow? Who were some of the main figures who have shaped African American history? In this course, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life, come face to face with individuals who changed the course of history and explore how the African American story still influences current events today.* Prerequisites: None</td>
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<td>African American Literature</td>
<td>African-American Literature guides students through the various cultural periods of African-American history through literature. This course explores the narratives of Africans and African-Americans who have shaped the world. Students are exposed to African-American literature and culture from the past to the present and learn how these works have profoundly impacted literature as a whole.* Prerequisites: None</td>
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<td>Agriprojects EL</td>
<td>Through a multidisciplinary approach, students will explore the environment of the horse in American and European culture. Topics will include the physical attributes of a horse, nutrition including feed and the farmyard, the key components of the horse's living environment, including the barn, pastures and forages. Further, students will explore the businesses and technology aspects of the equine sciences and veterinary studies. We will also explore the horse as the focus of artistic expression and American culture. Students will create art projects and learn about the various forms of riding as a sport, for pleasure, competition or artistic expression.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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Agrisciences I: Introduction
How can we make our food more nutritious? Can plants really communicate with each other? These are just two of the questions tackled in Agriscience 1: Introduction. From studying the secrets in corn roots to examining how to increase our food supply, this course examines how agroscientists are at the forefront of improving agriculture, food production, and the conservation of natural resources. In Agriscience 1: Introduction, you’ll learn about the innovative ways that science and technology are put to beneficial use in the field of agriculture. You’ll also learn more about some of the controversies that surround agricultural practices as nations strive to provide their people with a more abundant and healthy food supply. Prerequisites: None

Agrisciences II: Sustaining Human Life
Have you ever strolled past a bright green cauliflower at the market and paused to ponder its unusual color? Ever wonder why broccoli is suddenly a thing? Well, if you find yourself curiously questioning these, and other, peculiar vegetables and wondering about the role of agriculture in the modern world, Agriscience II is for you. Learn how science and technology are revolutionizing our food supply and promoting innovative ways to produce healthy plant-based foods, such as developing better hybrids and growing edible plants in challenging places. Food is our most essential resource; see how plant science will change the face of eating in the 21st century and give us the knowledge to continually improve our green thumbs! Prerequisites: Introduction to Agriscience

Algebra I
Algebra I continues the exploration of variables, function patterns, graphs, and equations. Students are expected to describe and translate graphic, algebraic, numeric, and verbal representations of relations and use those representations to solve problems. This course provides a solid foundation for further study in mathematics by helping students to develop computational, procedural, and problem-solving skills. Prerequisites: Pre-Algebra

Algebra I CR
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Algebra II
In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. Prerequisites: Algebra I

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Algebra II1
In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. Prerequisites: Algebra I

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Algebra II2
In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. Prerequisites: Algebra I

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Amazing USA Projects EL
Through a multidisciplinary approach, this course will focus on cultural and geographical studies. Students will use technology and artistic expression to research and present local and global geographic and cultural concepts. This project will include the exploration of the unique flavors of regions, the influence of exceptional historical events, landmarks, famous people, music, the arts. Topics may include exploring the Motor City’s place in the state and in the region and world. Through inquiry, students will discuss and collaborate to learn about the United States’ place in the world. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Amazing USA Projects HS
Through a multidisciplinary approach, this course will focus on cultural and geographical studies. Students will use technology and artistic expression to research and present local and global geographic and cultural concepts. This project will include the exploration of the unique flavors of regions, the influence of exceptional historical events, landmarks, famous people, music, the arts. Topics may include exploring the Motor City’s place in the state and in the region and world. Through inquiry, students will discuss and collaborate to learn about the United States’ place in the world. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.
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<td>American Cultures MS</td>
<td>Through a multidisciplinary approach, students will learn to draw, sketch or paint using the American cultures as a backdrop to display the forces that shaped and formed America. Artistic expressions will reflect time periods from discovery of America to modern times. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>American Pioneers EL</td>
<td>Through a multidisciplinary approach, students will explore and learn about the world of America’s first permanent English colonists and the Native Americans they encountered. Explore other time periods led by American Pioneers from the discovery of America to the modern era. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>American Pioneers MS</td>
<td>Through a multidisciplinary approach, students will explore and learn about the world of America’s first permanent English colonists and the Native Americans they encountered. Explore other time periods led by American Pioneers from the discovery of America to the modern era. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>American Sign Language (ASL): Elementary</td>
<td>This course introduces students to the fundamentals of American Sign Language through the use of vocabulary, grammar, and conversation as well as basic signing and fingerspelling techniques. Special activities and exercises help students understand the culture of the deaf and hard-of-hearing community. <em>Prerequisites: None</em></td>
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<tr>
<td>American Sign Language (ASL): MS</td>
<td>This course introduces students to the fundamentals of American Sign Language through the use of vocabulary, grammar, and conversation as well as basic signing and fingerspelling techniques, and will begin to learn about Deaf culture and the Deaf community. A webcam and recording device are required for this course. <em>Prerequisites: None</em></td>
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<tr>
<td>American Sign Language I</td>
<td>ASL 1 is an introduction to American Sign Language (ASL). The first semester of this course includes basic grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. The second semester is a continuation of basic study of the language and culture; an opportunity to build receptive and expressive sign vocabulary; use of signing space; further use of non-manual components of ASL grammar including facial expression and body postures, and introduction to conversational regulators. Discussion of regional and ethnic sign variations, as well as social, political and educational institutions of the Deaf community will be explored. Interaction with members of the Deaf community in both directed and non-directed activities will be featured. Higher levels of the class will expand upon these concepts and skills. <em>Prerequisites: None</em></td>
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<tr>
<td>American Sign Language II</td>
<td>ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. *Prerequisites: ASL I</td>
</tr>
<tr>
<td>American Sign Language III</td>
<td>ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. *Prerequisites: ASL II</td>
</tr>
<tr>
<td>American Sign Language IV</td>
<td>ASL grammar, vocabulary, fingerspelling, numbers, and cultural information related to the Deaf Community. *Prerequisites: ASL III</td>
</tr>
<tr>
<td>American Sign Language Projects EL</td>
<td>Through a multidisciplinary approach, students will learn how they can communicate with a Deaf friend, coworker, relative, or other signers. The online class will explore the life of famous Deaf citizens, the new technological advances in the Deaf community. The hands on project will consist of learning key vocabulary as well as facial expression, finger spelling, sentences, and even a song! Students will also learn about the history of sign language and Deaf culture. The goal for this course is conversational skill, through the use of demonstration, constructive feedback on proper hand shapes and motions, lots of classroom practice, understanding of the importance of word order, and confidence-building. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>American Sign Language Projects HS</td>
<td>Through a multidisciplinary approach, students will learn how they can communicate with a Deaf friend, coworker, relative, or other signers. The online class will explore the life of famous Deaf citizens, the new technological advances in the Deaf community. The hands on project will consist of learning key vocabulary as well as facial expression, finger spelling, sentences, and even a song! Students will also learn about the history of sign language and Deaf culture. The goal for this course is conversational skill, through the use of demonstration, constructive feedback on proper hand shapes and motions, lots of classroom practice, understanding of the importance of word order, and confidence-building. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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</table>
American Sign Language Projects
Through a multidisciplinary approach, students will learn how they can communicate with a Deaf friend, coworker, relative, or other signers. The online class will explore the life of famous Deaf citizens, the new technological advances in the Deaf community. The hands on project will consist of learning key vocabulary as well as facial expression, finger-spelling, sentences, and even a song! Students will also learn about the history of sign language and Deaf culture. The goal for this course is conversational skill, through the use of demonstration, constructive feedback and proper hand shapes and motions, lots of classroom practice, understanding of the importance of word order, and confidence building. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Anatomy and Physiology I: Introduction
Increase your students understanding about the form and function of the human body! Starting with the relationship between anatomy and physiology, students will then learn about cell structure and their processes. Learners will also discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems. Focusing on terminology, this course is essential to students pursuing the health sciences or wanting to gain a greater sense of how the human body works. * Prerequisites: None

Anatomy and Physiology II: Discovering Form and Function
Building on the prior prerequisite course, students will examine the form and function of even more body systems. Students will learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and the endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. Finally, students will explore the importance of accurate patient documentation as well as technology used in the industry. * Prerequisites: Anatomy and Physiology I

Animation
Are you inherently creative? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! As animation creates movement in a two-dimensional artistic space, in this course, you will learn the necessary skills to do just that. You will learn how to use animation tools to conceptualize and bring your animation dreams to life. By using a variety of software and design programs, you'll have the power to transform your creative notions into reality as you design, define, and complete a variety of digital design projects, including creating your own website! Learning about Animation could lead to a thriving career in the growing world of technology and animation. * Prerequisites: None

Anthropology I: Uncovering Human Mysteries
What makes us human? Is it our ability to use language? Is it our abstract thinking skills or our use of tools and technology? In Anthropology 1: Uncovering Human Mysteries you will trace the history of homo sapiens and explore our evolutionary trail. This course offers an anthropologic lens to observe our movement from cave dweller to modern human. It sheds light on how we forged our way and developed all of the things that make us human, such as our cultures, languages, and religions. We, as humans in the 21st century, are highly intelligent, innovative people with astounding technological ability – how did we get this way? * Prerequisites: None

Anthropology II: More Human Mysteries Uncovered
How does your culture influence you? Find out! This course will help you understand how different cultural patterns lead to the development of human cultures while traveling through the jungles of the Amazon to the islands of Indonesia. Anthropology II: More Human Mysteries Uncovered provides a fascinating look at this puzzle of culture. Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors, and in this course, you will begin to visualize new ideas about how ancient cultures flourished through examining their views on life, death, art, and survival. In looking back and learning about cultures through the ages, we are better equipped to understand the world around us today. * Prerequisites: Anthropology I

AP Art History
Students will examine major forms of artistic expression from the past and present and from a variety of cultures. While learning to look at these works of art critically, with intelligence and sensitivity, students will articulate what they see or experience. * Prerequisites: Counselor Approval

AP Biology
This challenging course is designed to provide a college-level experience and prepare students for the AP Biology exam. Students are engaged in a wide variety of activities with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, mastering biology concepts, and making connections. The key themes in the course include the scientific processes; the effects of science on technology and society; the chemistry and makeup of living organisms; and genetics, diversity, and evolution. * Prerequisites: Counselor Approval

AP Calculus AB
This college-level course covers such concepts as derivatives, integrals, limits, approximation, applications, and modeling. In the first semester, students begin by reviewing function notation, and then they explore absolute value, piecewise, exponential, logarithmic, trigonometric, polynomial, and rational functions. After studying limits and continuity, students move on to concepts of derivatives, including the chain rule, differentiation, implicit differentiation, and logarithmic differentiation. Toward the end of the course, students apply what they have learned to solve integration problems. This course prepares students for the AP Calculus AB exam. A TI-83+ or TI-84+ graphing calculator is required for this course. * Prerequisites: Counselor Approval

AP Calculus BC
This course, an extension of AP Calculus AB, emphasizes broad concepts and applicable methods. Students describe and analyze functions, limits, and graphs; calculate and apply derivatives; interpret and apply integrals, and study polynomial approximations and series. * Prerequisites: Counselor Approval

AP Chemistry
AP Chemistry builds students' understanding of the nature and reactivity of matter. After studying chemical reactions and electrochemistry, students move on to understand how the chemical and physical properties of materials can be explained by the structure and arrangements of the molecules and the forces between those molecules. Students will examine the laws of thermodynamics, molecular collisions, and the reorganization of matter in order to understand how changes in matter take place. Finally, students will explore chemical equilibria, including acid-base equilibria. The equivalent of an introductory college-level chemistry course, AP Chemistry prepares students for the AP exam and for further study in science, health sciences, or engineering. * Prerequisites: Counselor Approval

AP Computer Science
This course involves developing the skills to write programs or part of programs to correctly solve specific problems. Students will learn design techniques to make programs understandable, adaptable, and reusable. * Prerequisites: Counselor Approval

AP English Language and Composition
This course provides high school students with college-level instruction in language, rhetoric, and exposition. Students study and write various kinds of analytic and persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both reading and writing assignments are designed to make students aware of the interaction among a writer's subject and purpose and the audience's expectations, as well as the way in which conventions and language contribute to effectiveness in writing. This course prepares students for the AP English Language and Composition exam by enabling them to read, comprehend, and write about complex texts while developing further communication skills at a college level. * Prerequisites: Counselor Approval

AP English Literature and Composition
This course prepares high school students for the AP English Literature and Composition exam by providing them with college-level instruction in various kinds of analytic and persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Through integrated reading and writing activities, students analyze and evaluate the interaction among a writer's subject and purpose and the audience's expectations, as well as the way in which conventions and language contribute to effectiveness in writing. * Prerequisites: Counselor Approval
<table>
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<th>Course Name</th>
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| AP Environmental Science          | The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand interrelationships in the natural world, identify and analyze environmental problems that are natural and human-made, and prepare for the AP Environmental Science exam. Students evaluate the relative risks associated with these problems and examine alternative methods for resolving or preventing problems. Hands-on and virtual lab experiences support students' ability to master the content.  
  * Prerequisites: Counselor Approval |
| AP Human Geography                | This course is designed to provide college level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, tools, and geographical data to examine spatial patterns and analyze the changing interconnections among people and places.  
  * Prerequisites: Counselor Approval |
| AP Macroeconomics                 | Students will understand the choices they must make as producers, consumers, investors, and taxpayers. This course provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants.  
  * Prerequisites: Counselor Approval |
| AP Microeconomics                 | This course introduces the ways in which people make use of limited resources. Students examine supply and demand, factors of production, the roles of labor and management, the relationship between the environment and the economy, and the impact of government policies on individuals' economic decisions. Students also study the stock market and track the progress of various stocks. This course prepares students for the AP Microeconomics exam.  
  * Prerequisites: Counselor Approval |
| AP Psychology                     | This is a college-level course providing students an overview of the development of human behaviors and thoughts. Along with preparation for the AP Psychology exam, the goals of this course are to immerse students in modern psychological investigation techniques, to accentuate the ethics and morality of human and animal research, and to emphasize scientific critical thinking skills in application to the social sciences.  
  * Prerequisites: Counselor Approval |
| AP Spanish Language               | The main objective of this course is to develop students' interpersonal communication skills and prepare them for the AP Spanish Language exam. Students develop a strong command of the Spanish language and become very proficient in reading, writing, and speaking. Students are exposed to Spanish literature, historical events, music, movies, radio, and television.  
  * Prerequisites: Counselor Approval |
| AP Statistics                    | Students gain an understanding of the vocabulary, method, and meaning of statistics. They explore data and patterns found in the world around them by analyzing information and noting statistical relationships. They apply their knowledge to relevant, open-ended tasks requiring them to connect multiple statistical topics together. To demonstrate their comprehension, students actively construct experiments to understand, interpret, communicate, and apply statistical methods. General topics of study include planning and designing a study, anticipating patterns, and making statistical inferences. This course prepares students for the AP Statistics exam.  
  * Prerequisites: Counselor Approval |
| AP U. S. Government and Politics  | Students will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. They will experience the production of policy building in the areas of economic/social policy, foreign policy, and public administration.  
  * Prerequisites: Counselor Approval |
| AP United States History          | Woven into the chronology of this course are the key themes of American History. Issues of American identity, diversity, religion, and culture are examined. Economic transformations, the development of political institutions, and reform movements are evaluated. War, slavery, and demographic changes are assessed. Globalization and environmental issues are analyzed.  
  * Prerequisites: Counselor Approval |
| Applied Engineering Ia            | Discover how technology has changed the world around us by pursuing technological solutions to everyday problems. While using scientific and engineering methods, learn how electricity, electronic systems, magnets, and circuits work. Understand the design process and bring your ideas to life. Explore how engineering advances your ideas and the world!  
  * Prerequisites: None |
| Applied Engineering Ib            | Description not on website yet. Class is available Spring 2021  
  * Prerequisites: Applied Engineering Ia |
| Archaeology EL                    | Through a multidisciplinary approach, students will become archaeologists as they study materials left behind. By sorting through and categorizing trash, students learn that archaeology is the study of ancient people through an examination of used and discarded objects, and that scholars must work together to understand the evidence they uncover.  
  * Prerequisites: None  
  * This course includes an optional learning experience.  
  * Click here for more information on this class and our other courses offered with community vendors. |
| Archaeology HS                    | Through a multidisciplinary approach, students will become archaeologists as they study materials left behind. By sorting through and categorizing trash, students learn that archaeology is the study of ancient people through an examination of used and discarded objects, and that scholars must work together to understand the evidence they uncover.  
  * Prerequisites: None  
  * This course includes an optional learning experience.  
  * Click here for more information on this class and our other courses offered with community vendors. |
| Archaeology MS                    | Through a multidisciplinary approach, students will become archaeologists as they study materials left behind. By sorting through and categorizing trash, students learn that archaeology is the study of ancient people through an examination of used and discarded objects, and that scholars must work together to understand the evidence they uncover.  
  * Prerequisites: None  
  * This course includes an optional learning experience.  
  * Click here for more information on this class and our other courses offered with community vendors. |
| Archaeology: Detectives of the Past | The famous Spanish philosopher and writer George Santayana once said, 'he who cannot remember the past are condemned to repeat it.' Know from studying history how true this statement is, and the age-old field of archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. This fascinating course, Archaeology: Detectives of the Past, explores the various techniques, methods, and theories of this field and illustrates how archaeologists conduct their studies. What is it like to uncover precious artifacts? How are they located and preserved? Find the answer to these questions and more as you learn how ancient discoveries can unlock the secrets of a long and colorful past.  
  * Prerequisites: None |
| Art 1                             | Students expand their understanding of color, line, and shape. Activities include drawing, cutting, creating designs, and paper construction. The concepts of texture and three-dimensional forms are also introduced.  
  * Prerequisites: None |
| Art 2                             | Students learn how the elements and principles of art are combined to create unique and expressive artwork. They explore how art is connected to other subjects such as science and math. Students also learn the basics of drawing, painting, and three-dimensional design.  
  * Prerequisites: None |
| Art 3                             | Students engage in arts and crafts that explore the characteristics of the four seasons. As they study the art of various cultures, they are introduced to art history and art criticism. Students also use a variety of media to create two- and three-dimensional projects.  
  * Prerequisites: None |
| Art 4                             | In this course, students are introduced to works of art from several continents. As they become more familiar with art elements and the principles of design, they learn how these are applied in creating visual art in diverse cultures around the world. In addition, students use various media to create two- and three-dimensional projects.  
  * Prerequisites: None |
| Art 5                             | Students are introduced to various works of art, and they become familiar with the elements of art and the principles of design. They examine how these elements and principles were applied to create visual art in different time periods and cultures. Students use assorted media to create two- and three-dimensional projects.  
  * Prerequisites: None |
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<tr>
<td>Art 6</td>
<td>This course focuses on how students can identify art in everyday life and in their surroundings. Students discover art forms from the items they find on their person, in their home, and in the community. They complete art history, art criticism, and art production activities with an American art focus. Through a variety of media, students create two- and three-dimensional art projects, emphasizing drawing, design, and functionality. Prerequisites: None</td>
</tr>
<tr>
<td>Art 7</td>
<td>In this course, students will experience the creative processes used by all artists. They will learn how to analyze, interpret, and evaluate art. At the end of this course, they will have a portfolio of work that demonstrates their own skill and creativity as an artist. Prerequisites: None</td>
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<tr>
<td>Art 8</td>
<td>Students explore how art can be used for design, functionality, or personal expression. They study how American and international visual art influences ideas, actions, cultures, and environments. Students use various media and techniques to create two- and three-dimensional visual art projects. Through discussions of art history and criticism, students learn methods to analyze, interpret, and judge artworks. Students also make connections between art and artists, from across time and location, and explore how science, math, history, and religion impact art. Prerequisites: None</td>
</tr>
<tr>
<td>Art and Early Civilizations EL</td>
<td>This class is an exploration of art through the lens of the study of world civilization, from early civilizations to present. Topics include the impact of art upon history, historiography and the skills of historical inquiry, how areas were developed, maintained, lost, joined, an overview of wars, world leaders. Culture studies include world art expressed in beliefs, morals, and traditions. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Art and Early Civilizations HS</td>
<td>This class is an exploration of civilization and art through the lens of the study of world civilization, from early civilizations to present. Topics include the impact of art upon history, historiography and the skills of historical inquiry, how areas were developed, maintained, lost, joined, an overview of wars, world leaders. Culture studies include world art expressed in beliefs, morals, and traditions. Projects may include digital collaboration via Google Slides, PowerPoint or other presentation of chosen subject, art, war, culture or other topic of interest. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Art and Early Civilizations MS</td>
<td>This class is an exploration of civilization and art through the lens of the study of world civilization, from early civilizations to present. Topics include the impact of art upon history, historiography and the skills of historical inquiry, how areas were developed, maintained, lost, joined, an overview of wars, world leaders. Culture studies include world art expressed in beliefs, morals, and traditions. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Art Appreciation</td>
<td>Art Appreciation focuses on the art and architecture of the ancient Near East and Europe. The course begins with a brief overview of the fundamental methods of art. The course continues to evaluate the meaning, purposes, and styles of art. Art appreciation reviews the art elements and principles of design, including the various media used to create artwork. This course follows a chronological timeline showing how art and world events have influenced each other from early medieval times to the modern era. Particular emphasis centers on viewing works of art within their historical and cultural context so that students learn to understand how these key achievements relate to the past and present world. Prerequisites: None</td>
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<tr>
<td>Art Development I EL</td>
<td>The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student’s world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live. Prerequisites: None</td>
</tr>
<tr>
<td>Art Development II EL</td>
<td>The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student’s world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live. Prerequisites: None</td>
</tr>
<tr>
<td>Art Development III EL</td>
<td>The Art program provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop their personal source of knowledge and creativity. Art offers the student the opportunity to experience a connection between the verbal and visual; logic and emotions; imagination and reality. The student is guided and encouraged to express feelings and emotions in their drawings and with color while promoting self-esteem and self-awareness in personal fulfillment. The imagination in children is encouraged in art. However, it will assist them in their other studies as well. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. The student is introduced to some of the artistic expressions and techniques from cultures around the world. Modern technology provides opportunities for the student to observe this history. The art student will use some of these elements in their own artwork. Repetition, important for children, is provided at different age levels while using various tools and mediums. Home, family, traditions, friends, pets, and toys are the young student’s world. The student will explore what they know of their world. These lessons provide a deeper awareness of the world immediately around them where their journey is just beginning. As an individual each student is gifted with unique talents and ideas. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which they live. Prerequisites: None</td>
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Created on 08/06/2020
Course Name | Course Description
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Art Development IV EL | The Art program provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop their personal source of knowledge and creativity. Art offers the student the opportunity to experience a connection between the verbal and visual; logic and emotions; imagination and reality. The student is guided and encouraged to express feelings and emotions in their drawings and with color while promoting self-esteem and self-awareness in personal fulfillment. The imagination in children is encouraged in art. However, it will assist them in their other studies as well. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. The student is introduced to some of the artistic expressions and techniques from cultures around the world. Modern technology provides opportunities for the student to observe this history. The art student will use some of these elements in their own artwork. Repetition, important for children, is provided at different age levels while using various tools and mediums. Home, family, traditions, friends, pets, and toys are the young student's world. The student will explore what they know of their world. These lessons provide a deeper awareness of the world immediately around them where their journey is just beginning. As an individual each student is gifted with unique talents and ideas. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which they live.* Prerequisites: None

Art Explorations MS | Introducing students to diverse areas in the arts can broaden their perspective on the arts in general. Arts Explorations encourages students to experience each of the modern arts disciplines including Visual Arts, Theatre, Music, Media Arts and Dance. Students will also be able to identify areas of special interest where they would like continued study and the ways that the arts can be a part of their career paths.* Prerequisites: None

Art for the Ages EL | In this multidisciplinary class for younger students, they will explore from the dawn of Civilization to 0 AD. We will explore the different types of art and how they were used in architecture.* Prerequisites: None "This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

Art for the Ages HS | In this multidisciplinary class, students will explore from the dawn of Civilization to 0 AD. We will explore the different types of art and how they were used in architecture.* Prerequisites: None "This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

Art for the Ages MS | In this multidisciplinary class, students will explore from the dawn of Civilization to 0 AD. We will explore the different types of art and how they were used in architecture.* Prerequisites: None "This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

Art History | Students begin exploring the basic elements of art and its role in history through their examination of works from Paleolithic times to the Roman Empire. The goal is to enhance students' understanding of ancient history and show how art reflects historical events.* Prerequisites: None

Art History 5 | Using A Child's History of Art: Painting by Virgil Hillyer, students study paintings from ancient Egypt through the modern art movement.* Prerequisites: None

Art History 6 & 7 | Students will apply concepts from Calvert's Art History lessons and to create and explore techniques such as Egyptian line drawing, soft-dough sculpture, relief sculpture, designing buildings, and symmetry design. Lessons are coordinates with Calvert's A Child's History of Art Series.* Prerequisites: None

Art in World Cultures | Who do you think is the greatest artist of all time? Maybe Leonardo da Vinci? Michelangelo? Maybe a more modern artist like Claude Monet or Pablo Picasso? Or is it possible that the greatest artist of all time is actually someone whose name has been lost to history? In Art in World Cultures, you'll learn about some of the greatest artists in the world while creating your own art, both on paper and digitally. This course explores basic principles and elements of art and teaches you how to critique different art works art. And along the way, you will get to discover some traditional art forms from various regions of the world including the Americas, Africa, and Oceania.* Prerequisites: None

Art K | In art, students explore color, line, and shape. A combination of interactive and hands-on studio projects encourages students to create art. They sharpen their motor skills and explore the areas of art they find interesting. Artistic modes include drawing, painting, assembling, and sculpting.* Prerequisites: None

Art Techniques Projects EL | Through a multidisciplinary approach, students will explore the varying qualities of materials, techniques, media technology, and processes at a developing level. Students will develop the concept of proper use of art materials and using tools safely and responsibly.* Prerequisites: None "This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

Art Techniques Projects HS | Through a multidisciplinary approach, students will explore the varying qualities of materials, techniques, media technology, and processes at an advanced and developing level. Students will develop the concept of proper use of art materials and using tools safely and responsibly, develop a successful visual vocabulary, develop reflective thinking skills by observing, analyzing, and critically evaluating works of art for the purpose of improving technical quality, produce and exhibit a final product that demonstrates quality craftsmanship and technique at a developing level.* Prerequisites: None "This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

Art Techniques Projects MS | Through a multidisciplinary approach, students will explore the varying qualities of materials, techniques, media technology, and processes at an advanced and developing level. Students will develop the concept of proper use of art materials and using tools safely and responsibly, develop a successful visual vocabulary, develop reflective thinking skills by observing, analyzing, and critically evaluating works of art for the purpose of improving technical quality, produce and exhibit a final product that demonstrates quality craftsmanship and technique at a developing level.* Prerequisites: None "This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

Arts and Crafts 1 | This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to primary colors, the color wheel, shapes such as lines and circles, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work create a watercolor tree, use a printing block, produce weather painting, and produce a watercolor painting. Emphasis in the second semester students will be placed on applying what the students have learned to make more detailed works of art. In this semester students will be creating colorful calendars, stenciling, fashioning intricate flower drawings, revisiting symmetrical objects, and mixing colors. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.* Prerequisites: None

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<tr>
<th>Course Name</th>
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<tr>
<td>Arts and Crafts 2</td>
<td>Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. Arts and Crafts promote self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed throughout their life. This course provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Learners will begin the course by creating a color wheel and understanding the difference between primary, secondary, and complementary colors. Learners will use watercolors to create a value chart and begin to understand symmetry in art. At the end of the semester students will work with clay and create a Memorial Clay. In semester B of Arts and Crafts, students will continue to explore their creativity while also learning ways that art can be functional and add to objects and materials that we use on an everyday basis. Students will begin the semester by creating a 12 month calendar. The students will focus on new month each week. They will also be able to pick a different clay project each week from The Book of Nature Crafts and/or Clay Fun. Once students have completed the calendar project they will begin to work on form drawing and make a seasonal chart using objects familiar with each of the four seasons. The course concludes with students working with wet crayons and wet paper. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live. * Prerequisites: None</td>
</tr>
<tr>
<td>Arts and Crafts K</td>
<td>This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to lines, circles, recognizing and using shapes, creating a collage and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work with clay, draw with pastels, make fingerprint flowers, draw barns and animals using shapes and recognizing lines using the student's name. Emphasis in the second semester students will be placed on applying what the students have learned to make more detailed works of art. Among the projects this semester students will be creating a bird feeder, make pig puppets, craft paper flowers, make potpourri, craft a heart collage, construct a wind chime, and press flowers. * Prerequisites: None</td>
</tr>
<tr>
<td>Arts Careers</td>
<td>For every Broadway dancer, every television star, and every pop singer, there are countless people behind the scenes helping to make it happen. Arts Careers introduces students to the skills that are part of many fascinating careers in the arts. Studying the arts creates independent and innovative thinkers and many doors are open to an artist with the proper training. * Prerequisites: None</td>
</tr>
<tr>
<td>Astronomy I:</td>
<td><strong>Introduction</strong> This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the origin of the universe, the Milky Way, and other galaxies and stars. * Prerequisites: None</td>
</tr>
<tr>
<td>Astronomy II:</td>
<td><strong>Exploring the Universe</strong> Building upon the prior prerequisite course, this course presents a variety of subjects that allow the student to become more familiar with the universe. Students will explore the solar system, the sun, comets, asteroids, and meteors as well as become familiar with the concepts of space travel and settlements. Students will also examine the life-cycle of stars and the properties of planets. * Prerequisites: Astronomy I: Introduction</td>
</tr>
<tr>
<td>Astronomy Projects</td>
<td><strong>EL</strong> Through a multidisciplinary approach, students will explore realms beyond the earth. This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Overview of the major Universe and deep-sky objects and events: including sun, stars, constellations, nebulae, galaxies, comets, and telescopes. History of flight, rocketry and space exploration. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Astronomy Projects</td>
<td><strong>HS</strong> Through a multidisciplinary approach, students will explore realms beyond the earth. This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Overview of the major Universe and deep-sky objects and events: including sun, stars, constellations, nebulae, galaxies, comets, and telescopes. History of flight, rocketry and space exploration. Classroom lecture, activities and projects will reinforce topics. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Auto Care Projects</td>
<td><strong>EL</strong> This course will help students become confident and responsible auto owners as they learn about car maintenance, light repair, auto ownership and how cars work. Students will learn to make informed decisions about purchasing a car, as well as the financing and insurance options available. Through hands on demonstrations and student centered projects and research, students will learn the four major systems of the car and how and when to properly maintain them, as well as how to handle common problems and roadside emergencies. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Auto Care Projects</td>
<td><strong>HS</strong> This course will help students become confident and responsible auto owners as they learn about car maintenance, light repair, auto ownership and how cars work. Students will learn to make informed decisions about purchasing a car, as well as the financing and insurance options available. Through hands on demonstrations and student centered projects and research, students will learn the four major systems of the car and how and when to properly maintain them, as well as how to handle common problems and roadside emergencies. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Auto Care Projects</td>
<td><strong>MS</strong> This course will help students become confident and responsible auto owners as they learn about car maintenance, light repair, auto ownership and how cars work. Students will learn to make informed decisions about purchasing a car, as well as the financing and insurance options available. Through hands on demonstrations and student centered projects and research, students will learn the four major systems of the car and how and when to properly maintain them, as well as how to handle common problems and roadside emergencies. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Basic Drawing</td>
<td>In Basic Drawing, students will experiment with several different art materials and tools to see what each tool can do best. Students will explore ordinary things around them to become more observant of the structures and meanings of things which can be seen in your their home and community. Your work will be your own study of the forms, textures, movements, and patterns of the things that you see every day. Each project and each lesson is based on the one before it; so always do the lessons in the order they are given. Be sure to follow the directions exactly regarding which materials, sizes, and subject matter to use for each project. Each lesson will be a study of a new way of drawing. The examples given will show only the method and materials to be used, never the same subject or size as the project assigned. The examples are never to be copied. An example will only show one way of using the technique described. By becoming more observant, by experimenting with new materials, and by exploring a variety of methods, students will continue to grow in artistic skill and enjoyment. Beyond fundamental skills are various levels of creativity. Each lesson provides room for expressing the technical skill learned in a unique, creative way. Prerequisites: None</td>
</tr>
<tr>
<td>Basic Web Design</td>
<td>In this course, students will learn how to design a beautiful and functional website. Students will learn how to take their design and translate it into a live website using Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) programming languages. HTML5 and CSS3 will be the standard versions used in the class. Students will understand design concepts of websites, including the use of color, layout and when to use different techniques, typography rules, and the importance of imagery. At the conclusion of the course, students will present a website to the class. Upon completion of this course, each student will have hands-on experience creating a fully functioning website. Students do not need to have a previous technical background with HTML or CSS prior to taking this course. Prerequisites: None</td>
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<tr>
<td>Beginning Brain Games EL</td>
<td>Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Beginning Forensics Projects EL</td>
<td>In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Beginning Forensics Projects HS</td>
<td>In this multidisciplinary course students will be introduced to the use of a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensic tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. Students will create a movie and digital portfolio of their investigations. * Prerequisites: None * This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Beginning Forensics Projects MS</td>
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<tr>
<td>Beginning Painting</td>
<td>This course introduces students to classical and contemporary painting, techniques and concepts, with emphasis on the understanding of its formal language and the fundamentals of artistic expression. Painting from still life, landscape, and life models from observation will be geared towards realism; at the same time, various other painting styles could be explored. Color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be emphasized. Students will study and research major painting styles and movements in historical context. The hope is that students will use this global approach to develop a 'critical eye' evaluation of contemporary painting. Acrylic and watercolors are the mediums used in this class. The main emphasis of this course is to encourage and nourish individuality and creativity. Prerequisites: None</td>
</tr>
<tr>
<td>Beginning Robotics EL</td>
<td>Through a multidisciplinary approach students will collaborate in this class which includes: simple machines, structures and forces, levers, wheels &amp; axles, gears and motorized systems utilizing technology and engineering. Portfolios will be used to assess course knowledge and application. * Prerequisites: None * This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Beginning Robotics HS</td>
<td>Through a multidisciplinary approach students will collaborate in this class which includes: simple machines, structures and forces, levers, wheels &amp; axles, gears and motorized systems utilizing technology and engineering. Portfolios will be used to assess course knowledge and application. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Biology</td>
<td>Biology covers a wide range of concepts in the field of biology. Students are introduced to the study of biology and its four unifying themes, and they are introduced to the concept of the cell, including cell structure and function. The concept of the cell is extended, and students explore Mendelian genetics and how humans inherit traits. The course concludes with the structure and mechanisms of DNA, as well as the role of biotechnology in today's society. Students also explore the theory of evolution, including early ideas, how populations evolve, and the history of life on Earth. Students discuss the concept of ecology, where they learn about different principles of ecology. Students in Biology B also learn about the structure and function of major human body systems. Prerequisites: None</td>
</tr>
<tr>
<td>Biology CR</td>
<td>Biology covers a wide range of concepts in the field of biology. Students are introduced to the study of biology and its four unifying themes, and they are introduced to the concept of the cell, including cell structure and function. The concept of the cell is extended, and students explore Mendelian genetics and how humans inherit traits. The course concludes with the structure and mechanisms of DNA, as well as the role of biotechnology in today's society. Students also explore the theory of evolution, including early ideas, how populations evolve, and the history of life on Earth. Students discuss the concept of ecology, where they learn about different principles of ecology. Prerequisites: None</td>
</tr>
<tr>
<td>Biotechnology I: Introduction</td>
<td>How is technology changing the way we live? Is it possible nature can provide all the answers to some of the science's most pressing concerns? In Biotechnology I: Introduction, you'll learn the basics of biotechnology and evolutionary theory, explore the various ways we store and preserve food, and discover the process of fermentation and microbiology. This course will also cover the importance of breeding plants and hybridization and how early breeding programs led to the study of genetics and an understanding of the function of genes. Finally, you'll delve into early industrial discoveries and explore the developments in biotechnology during the industrial revolution. Prerequisites: None</td>
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<tr>
<td>Biotechnology IB: Unlocking Nature’s Secrets</td>
<td>The fusion of biology and technology creates an amazing process and offers humanity a chance to significantly improve our existence, while simultaneously creating new challenges. In Biotechnology I: Unlocking Nature’s Secrets, you’ll build on your knowledge from Biotechnology I and learn how his field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved agricultural systems. Learn about some of the challenges biotechnology faces today, such as the growth of antibiotic-resistant bacteria and questions about the safety of commercially produced genetically modified organisms (GMOs). You’ll research new biotechnologies and learn how they are changing the world we live in, including the environmental benefits of industrial biotechnology. * Prerequisites: Biotechnology I: Introduction</td>
</tr>
<tr>
<td>Botanical Art EL</td>
<td>Join us on an exciting adventure as we set out to discover the wonders of plants. We’ll explore the world of plants through various hands-on living labs: dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art will complement our lessons as we learn about plants from the roots up. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Botanical Art HS</td>
<td>We will explore the world of plants through various hands-on living labs. Dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs - and much, much more. These hands-on activities combining with art will complement our lessons as we learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Brain Games EL</td>
<td>Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. This course maintains the core mechanics of beginning brain games but challenges students in higher level thinking. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Brain Games HS</td>
<td>Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Brain Games MS</td>
<td>Through a multidisciplinary approach students will explore activities that will increase cognitive abilities, concentration and problem solving through hands on, logic and skill based games. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Business Applications</td>
<td>In Business Applications, students focus on business software and the corresponding skills required in the business world. The course begins with an overview of computers, including hardware, software, and operating systems. Students explore spreadsheet, word processing, presentation, and database software and discover how to fulfill a customer request using these skills. They also study web-based applications and additional software packages and learn about Internet technology. Students investigate common security concerns and discover how to prevent security issues. Finally, students experience the software development cycle where they will learn how various professionals utilize business applications. They will also discover the importance of moral and ethical responsibility in an online community. Students must possess basic spreadsheet, word processing, and presentation software skills before entering this course. Additionally, students must be independent learners, comfortable learning new technology and researching software features and functions. * Prerequisites: None</td>
</tr>
<tr>
<td>Business Communication</td>
<td>Students explore business communication, including letters, memos, electronic communication, written reports,oral presentations, and interpersonal communication. Resumes, application letters, interviewing tips, and employment follow-up are also covered. * Prerequisites: None</td>
</tr>
<tr>
<td>Business Information Management Ia: Introduction</td>
<td>Students will build their career skills and strengthen their knowledge of business information management by exploring types of businesses and the elements of business planning. Learning about the initial requirements to start a business, students will then examine business finances, marketing, sales, and the importance of customer service. Computer hardware, networks, and the internet are discussed as well as the basics of web design. Lastly students will explore ethics and business law, giving each learner an opportunity to discover their passion for business. * Prerequisites: None</td>
</tr>
<tr>
<td>Business Information Management Ib: Data Essentials</td>
<td>Students will build their career skills and strengthen their knowledge of business information management by exploring types of businesses and the elements of business planning. Learning about the initial requirements to start a business, students will then examine business finances, marketing, sales, and the importance of customer service. Computer hardware, networks, and the internet are discussed as well as the basics of web design. Lastly students will explore ethics and business law, giving each learner an opportunity to discover their passion for business. * Prerequisites: None</td>
</tr>
<tr>
<td>Business Information Systems</td>
<td>This course introduces students to various information and communications technologies and explains how information systems are used to solve problems and make better business decisions. * Prerequisites: None</td>
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<tr>
<td>Business Law Ia</td>
<td>Need description when available * Prerequisites: None</td>
</tr>
<tr>
<td>Business Law Ib</td>
<td>NEW Class need description when available. Not available until Spring 2021. * Prerequisites: None</td>
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<tr>
<td>Business Management</td>
<td>Business Management guides students through examples of their roles as wage earners, consumers, and citizens as they explore the wide, exciting world of business. Course topics range from the extensive use of credit to the role of government in the U.S. economy. * Prerequisites: None</td>
</tr>
<tr>
<td>Business Math</td>
<td>The student will explore topics such as business statistics, probability calculations, payroll, banking, interest calculations, insurance, taxes, and other business topics. * Prerequisites: Algebra 1</td>
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<tr>
<td>Calculus</td>
<td>Students study limits, continuity, and differentiation while exploring integrated algebraic, trigonometric, and transcendental functions and the applications of derivatives and integrals. Major topics and concepts include differentiation and integration rules, rates of change, derivative tests, and differential equations. A TI-83+ or TI-84+ graphing calculator is strongly recommended. * Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Career Exploration I: Charting Your Path MS</td>
<td>Students will get the opportunity to explore careers in a variety of fields and disciplines and understand the necessary skills and education needed to choose a future path. Students will discover careers including business and finance, manufacturing, engineering, and many more! Detailed information on the required education and training options for each are included. Have your students begin gathering information for their journey down a career path today! * Prerequisites: None</td>
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<tr>
<td>Career Exploration II MS</td>
<td>Imagine that it’s 20 years from now. What career do you see yourself in? What do you imagine that you’ll be doing? Will you be fighting forest fires or engineering the next rocket into space? With all the careers available, it can be difficult to narrow them down. In Middle School Career Exploration II we’ll explore more careers and see what it takes to succeed. You’ll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices. Finally, you’ll get the chance to try out parts of different careers to see if you’re a perfect fit! *Prerequisites: MS Career Exploration I.</td>
</tr>
<tr>
<td>Career Explorations EL</td>
<td>In this multidisciplinary class, students will explore and research various careers. Students will assess several areas of a career including, education requirement, experience, salary, and growth to determine what would be a good choice for them. Students will participate in several types of self-inventory tests/activities to identify their strengths and talents and learn how these correlate to careers in which they are likely to experience success. *Prerequisites: None <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Career Explorations HS</td>
<td>In this multidisciplinary class, students will explore and research various careers. Students will assess several areas of a career including, education requirement, experience, salary, and growth to determine what would be a good choice for them. Students will begin their journey looking into careers and their futures after high school and will participate in several types of inventory tests/activities to identify their strengths and talents and how these correlate to careers in which they are likely to experience success. High school students will also explore the tools needed during the interview process: Resume, cover letter, list of references, and follow up letters. *Prerequisites: None *This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Career Planning MS</td>
<td>The Career Planning course guides students through the essential elements of the career planning process and the development of a defined career plan. Students will consider the many factors that impact career success and satisfaction. Using a process of investigation, research, and self-discovery, students will acquire the understandings critical to the career planning process. Upon completion of the course, students will have created a practical and comprehensive college or career transition portfolio that reflects their skills and abilities, as well as their interests, values, and goals. *Prerequisites: None</td>
</tr>
<tr>
<td>Career Planning and Skill Development</td>
<td>As a high school student, it may seem like an eternity before you’ll be working for a living. However, you will be entering the working world sooner than you think - it’s important that you’re prepared. Career Planning and Skill Develop will learn about qualities that will make you a successful employee and additional career-related skills, such as problem solving and communication. *Prerequisites: None</td>
</tr>
<tr>
<td>Careers in Criminal Justice</td>
<td>Most of us have watched a sensationalized crime show at one time or another, but do we really know how things work behind those dreaded prison bars? Do we really understand all the many factors in our justice proceedings? The criminal justice system is a very complex field that requires many seriously dedicated people who are willing to pursue equal justice for all. The Careers in Criminal Justice course illuminates what those different career choices are and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. Find out more about what really happens when the television show ends and reality begins.*Prerequisites: None</td>
</tr>
<tr>
<td>Cartooning EL</td>
<td>Through a multidisciplinary approach, students will learn how to create Manga characters. They will learn about human proportions and the difference between reality and cartooning. They will learn how to create emotion by the way they draw eyes, eyebrows and mouths. They will learn the difference between male and female traits (hair, eyes, neck &amp; shoulders).*Prerequisites: None <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Cartooning HS</td>
<td>Through a multidisciplinary approach, students will learn how to create Manga characters. They will learn about human proportions and the difference between reality and cartooning. They will learn how to create emotion by the way they draw eyes, eyebrows and mouths. They will learn the difference between male and female traits (hair, eyes, neck &amp; shoulders). *Prerequisites: None *This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Ceramics Projects EL</td>
<td>Through a multidisciplinary approach, the student will explore, learn about, and utilize different tools, materials, and glazing processes. Students will create unique ceramic projects and will explore the history and techniques of clay and ceramic artwork. *Prerequisites: None *This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Ceramics Projects HS</td>
<td>Through a multidisciplinary approach, student will explore, learn about, and utilize different tools, materials, and glazing processes. Students will create unique ceramic projects and will explore the history and techniques of clay and ceramic art work. *Prerequisites: None *This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Through a multidisciplinary approach, student will explore, learn about, and utilize different tools, materials, and glazing processes. Students will create unique ceramic projects and will explore the history and techniques of clay and ceramic art work. *Prerequisites: None *This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Chemistry</td>
<td>Chemistry can be found in all dynamics of life. One of the biggest topics studied in chemistry is the idea of energy and different forces. In addition, students go through a thorough investigation of matter, the atomic structure, and the periodic table. Students study chemical reactions and determine how the combination of certain components creates a multitude of results. Students learn the fundamentals of gas laws, solutions, thermochemistry, equilibrium, types of reactions, electrochemistry, and organic chemistry. Students in Chemistry B are introduced to nuclear chemistry.*Prerequisites: None</td>
</tr>
<tr>
<td>Chemistry (Hybrid)</td>
<td>Chemistry can be found in all dynamics of life. One of the biggest topics studied in chemistry is the idea of energy and different forces. In addition, students go through a thorough investigation of matter, the atomic structure, and the periodic table. Students study chemical reactions and determine how the combination of certain components creates a multitude of results. Students learn the fundamentals of gas laws, solutions, thermochemistry, equilibrium, types of reactions, electrochemistry, nuclear chemistry and organic chemistry. *Prerequisites: None</td>
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<td>Chemistry CR</td>
<td>Chemistry can be found in all dynamics of life. One of the biggest topics studied in chemistry is the idea of energy and different forces. In addition, students go through a thorough investigation of matter, the atomic structure, and the periodic table. Students study chemical reactions and determine how the combination of certain components creates a multitude of results. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Chinese I</td>
<td>Mandarin Chinese courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Chinese I MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. <em>Prerequisites: None</em></td>
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<tr>
<td>Chinese II</td>
<td>Mandarin Chinese courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Chinese II MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. <em>Prerequisites: Chinese 1</em></td>
</tr>
<tr>
<td>Chinese III</td>
<td>Mandarin Chinese courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. <em>Prerequisites: Chinese 2</em></td>
</tr>
<tr>
<td>Choir and Academic Expressions EL</td>
<td>This multidisciplinary course will develop students' vocal and performing arts skills and apply the techniques and processes involved in researching, creating, performing and/or presenting art. Students will develop their own artistic processes, support encouraging and working with their peers in a positive way. Students will develop an appropriate musical terminology through theory and practice to describe and reflect their critical understanding of music. Students will become informed, reflective and critical practitioners in the arts and other academic areas including, mathematical reasoning, visual performing arts, technology, writing, research, foreign language, and psychology. <em>Prerequisites: None</em> This course includes an optional learning experience.<em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Choir and Academic Expressions HS</td>
<td>This multidisciplinary course will develop students' vocal and performing arts skills and apply the techniques and processes involved in researching, creating, performing and/or presenting art. Students will develop their own artistic processes, support encouraging and working with their peers in a positive way. Students will develop an appropriate musical terminology through theory and practice to describe and reflect their critical understanding of music. Students will become informed, reflective and critical practitioners in the arts and other academic areas including, mathematical reasoning, visual performing arts, technology, writing, research, foreign language, and psychology. <em>Prerequisites: None</em> This course includes an optional learning experience.<em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Cinematic Review EL</td>
<td>The ability to critically think and reason has never been more important than in our information, media-saturated age. While knowledge is important, it changes at an ever-increasing rate and we need the skills to evaluate new information and perceptions. This cross curricular class will use movies as the subject matter for our analysis and skill building both for their literary value and also incorporate critical thinking. The movies will be watched independently outside of class and should be available via library or rental. While written short answer will be required for each movie (to facilitate our time together), the bulk of class time will be discussion. We will be examining literary elements, context, world-view, as well as artistic qualities to study these classics of literature in picture form. <em>Prerequisites: None</em> This course includes an optional learning experience.<em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Cinematic Review HS</td>
<td>The ability to critically think and reason has never been more important than in our information, media-saturated age. While knowledge is important, it changes at an ever-increasing rate and we need the skills to evaluate new information and perceptions. This cross curricular class will use movies as the subject matter for our analysis and skill building both for their literary value and also incorporate critical thinking. <em>Prerequisites: None</em> This course includes an optional learning experience.<em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Civics</td>
<td>This course deepens students' knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their understanding of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy. <em>Prerequisites: None</em></td>
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<td>Civics (Hybrid)</td>
<td>This course deepens students' knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their understanding of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy. <em>Prerequisites: None</em></td>
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<td>Civics CR</td>
<td>This course deepens students' knowledge of national, state, and local government in America. Students review the philosophical foundations of democratic government in the United States. The structure and functions of national and state government under the American federal system are studied. Students strengthen their understanding of the legal rights and accompanying responsibilities shared by all citizens of our constitutional democracy as they explore American political behavior. Through discussion and writing, students practice making reasoned decisions about matters of public policy. <em>Prerequisites: None</em></td>
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**Course Name:** Climate Tech & Human Interaction EL

**Course Description:** Activities and experiences include the exploration of the structure of the atmosphere, weather and climate. Through a multidisciplinary approach, including technology and artistic expressions, students will focus on Fluid Earth Systems and Human Impact.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

**Course Name:** Climate Tech & Human Interaction HS

**Course Description:** Activities and experiences include the exploration of the structure of the atmosphere, weather and climate. Through a multidisciplinary approach, including technology and artistic expressions, students will focus on Fluid Earth Systems and Human Impact.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

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**Course Name:** Coding Ia: Introduction MS

**Course Description:** Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding I, you will learn all about the technology you use in your day-to-day life as well as explore how the internet functions. Get an introduction to the basics of computer science and discover how to create and build your very own website using HTML and CSS. You'll also become familiar with programming languages like JavaScript and Python Programming. You will leave the course with your very own portfolio of work that will showcase your skills and all that you've created.* Prerequisites: None

**Course Name:** Coding Ib: Introduction Programming

**Course Description:** Have you ever wanted to create your own webpage or wondered how your favorite websites were built? Maybe you want to know more about how computers and technology are affecting the world around us. In Coding Ia: Introduction to Programming, you will explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. You will also discover how to create and build your own website using HTML and CSS and learn basic and complex commands and sequences as you become familiar with programming languages like JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security. * Prerequisites: None

**Course Name:** Coding Ib: Learning Python and JavaScript MS

**Course Description:** We don't always think about the role technology plays in our world but the truth is technology influences our everyday lives and affects how we relate to our friends, family, and even complete strangers. For those wanting to develop a greater understanding of this technology comes Middle School Coding II. Building on what you learned in Middle School Coding I, you'll expand your knowledge of programming languages and web development and further explore Advanced Python, HTML, and JavaScript. You will also learn the difference between web development and web application development and continue to grow your portfolio, which will serve to highlight everything you have learned and created in the course.* Prerequisites: Coding I: Introduction MS

**Course Name:** College and Career Prep

**Course Description:** The first semester of this online course based in Haiku will focus on Soft Skills, those skills that are so often not taught but as learned behaviors they become essential to success in high school, college and the workplace. These Soft Skills include such things as being prepared, being on Time, following through, communication skills, being responsible and study skills. The online course is designed much the same way as online college courses. There will be discussion boards used throughout, much like last semester and a focus on short argumentative essay writing utilizing prompts similar to ones used on the Compass college entrance exam. Students are expected to complete a short essay every other week and schedule individual conferences with the instructor monthly. There will also be four short quizzes during the semester. The last five weeks of the course will focus specifically on college level research writing and how to conduct proper academic research. * Prerequisites: Counselor Approval

**Course Name:** Color Theory EL

**Course Description:** Through a multidisciplinary approach, students will learn about the color wheel and how to mix primary colors to create all the colors on the color wheel. They will learn about warm/cool colors.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

**Course Name:** Color Theory HS

**Course Description:** Through the use of technology and art exploration, students will be able to identify colors on the color wheel; primary, secondary, & tertiary colors; warm/cool colors; complementary colors; analogous colors; monochromatic, split complementary, double complementary and triad. Students will also be able to mix primary colors into the aforementioned categories. * Prerequisites: None * This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

**Course Name:** Color Theory MS

**Course Description:** Through the use of technology and art exploration, students will be able to identify colors on the color wheel; primary, secondary, & tertiary colors; warm/cool colors; complementary colors; analogous colors; monochromatic, split complementary, double complementary and triad. Students will also be able to mix primary colors into the aforementioned categories.* Prerequisites: None * This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

**Course Name:** Communications EL

**Course Description:** Through a multidisciplinary approach, elementary students will learn to communicate effectively with each other one-on-one, in a small group and large group settings.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

**Course Name:** Communications HS

**Course Description:** Through a multidisciplinary approach, students will be responsible for planning, organizing, writing, and presenting weekly presentation. Class time will be used for lecture and presentations. Topics explored will be the various principles, theories, techniques on: types of communication, definitions, listening, expression, body language, assessing voice, verbal and nonverbal clues, delivery and others. Communications will include every day speeches, famous speeches, arguments, interviewing, poetry, marketing, journalism, etiquette, and more.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

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Computer Applications

Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study web publishing and design, spreadsheets and database software. This course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Computer Applications is an introductory level Career and Technical Education course applicable to programs of study in Business Management and Administration, Information Technology, and other career clusters. This course is built to state and national standards. * Prerequisites: None

Computer Basics

In this course you will learn how to use productivity and collaboration tools, such as G Suite by Google Cloud to create word processing documents, spreadsheets, surveys and forms such as personal budgets and invitations. * Prerequisites: None

Computer Program Projects EL

Through a cross curricular approach students will learn important computer programming/concepts through educational and creative play. Students will learn basic coding terminology. Problem solving skills and the development of team building will be used to work together in creative ways. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Computer Program Projects HS

Through a cross curricular approach students will learn important computer programming/concepts through educational and creative play. Students will learn basic coding terminology. Problem solving skills and the development of team building will be used to work together in creative ways. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

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Computer Science KG

This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music? * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Computer Science Grade 1

Go on a scavenger hunt with Community Helper Kyle! In this course, students will blast into cyberspace where they'll learn about problem solving, breaking down tasks into steps, and how to stay safe on and off the computer. Through fun games and videos, they'll find and remove computer bugs, build a playground with a computer-programming robot, and create their own digital artifact. * Prerequisites: None

Computer Science Grade 2

Join Travis on safari through the Purple Lily Jungle! In this course, students will blast into cyberspace where they'll learn about loops and iterations, how to stay safe on and off the computer, how to tell a computer program what to do, and more. Through fun games and videos, students will problem-solve with keywords, practice their coding skills while helping an alien, and create a digital artifact about their travels. * Prerequisites: None

Computer Science Grade 3

Master the QWERTY keyboard with Maya! In this course, students will journey deeper into cyberspace as they learn where to put their fingers while typing, how technology helps people with special needs, and more. From playing online coding games to getting unplugged, students will learn to balance their time both on and off the computer. * Prerequisites: None

Computer Science Grade 4

Make a cat dance from New York to the Alps with coding! In this course, students will journey deeper into cyberspace as they learn the impact of social media, what makes a computer tick, how to share data with Microsoft Word Online, research artificial intelligence, and more. From coding practice with online games to finding things to do on- and offline, students will develop their growing technology skills while having fun! * Prerequisites: None

Computer Science Grade 5

Join the Viking Robots of Datanorse on their quest to discover their past! In this course, students will journey deeper into cyberspace as they learn the impact of social media, what makes a computer tick, how to share data with Microsoft Excel Online, and more. Through fun games and videos, students will practice coding and focus on typing accuracy and speed. With the help of Riyaz, the Social Media guide, they'll also share what they've learned by creating their own PowerPoint presentation. * Prerequisites: None

Computer Science KG

Join the Digital Defenders in the fight against sneaky Spam Spider and evil Dr. Malware! In this course, students will blast into cyberspace where they'll learn about cyberbullying, being a good digital citizen, and how to stay safe on and off the computer. Students will even learn pre-coding skills by breaking down simple tasks and putting them in step-by-step order. Through fun games and videos, they'll use search engines, learn the different parts of an email, and discover the exciting world of technology! * Prerequisites: None

Music Projects MS

This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music? * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Music Projects EL

This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music? * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Music Projects HS

This multidisciplinary class will focus on exploring sound and music. What role does it play in our lives? How can computer music record, simulate, and enhance traditional music, and what are key elements of computer music? * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Information Technology, and other career clusters. This course is built to state and national standards. * Prerequisites: None

Computer Applications

Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study web publishing and design, spreadsheets and database software. This course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them. Computer Applications is an introductory level Career and Technical Education course applicable to programs of study in Business Management and Administration, Information Technology, and other career clusters. This course is built to state and national standards. * Prerequisites: None

Computer Basics

In this course you will learn how to use productivity and collaboration tools, such as G Suite by Google Cloud to create word processing documents, spreadsheets, surveys and forms such as personal budgets and invitations. * Prerequisites: None

Computer Program Projects EL

Through a cross curricular approach students will learn important computer programming/concepts through educational and creative play. Students will learn basic coding terminology. Problem solving skills and the development of team building will be used to work together in creative ways. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.
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<td>Computer Tech Projects MS</td>
<td>This multidisciplinary class offers several pathways for students in learning about computers and how they can use them as tools for many applications. Students may have an opportunity to learn how to use computer applications such as spreadsheets, word documents, website design, editing videos, and more. Or perhaps learn how to program a computer using one of the many programming languages in the world, either to solve math and science problems or to create interactive apps, games, and experiences. Prerequisites: None. <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Concepts of Engineering &amp; Technology</td>
<td>What if you could do the impossible? Engineers understand a lot of things, but the word impossible definitely isn't one of them. Through Concepts of Engineering and Technology, you'll learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie (or even if there should be boundaries). By examining astounding engineering feats and complex ongoing issues, you, too, will begin to question whether the word impossible exists.* Prerequisites: None</td>
</tr>
<tr>
<td>Consumer Math</td>
<td>Students focus on math skills and problem-solving strategies that are relevant to practical financial applications. Topics include planning and managing a budget, avoiding common pitfalls, and posing questions to businesses and companies. Students also learn to examine their own spending behavior and evaluate purchasing decisions. *Prerequisites: Pre-Algebra</td>
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<td>Core Explorers 1</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 2</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 3</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 4</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 5</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 6</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 7</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers 8</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Core Explorers K</td>
<td>This core course is designed to complement students' core learning curriculum and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability in the four core subject areas, which provides the foundation for academic success. Through a personalized approach, students will navigate through core curriculum via Study Island. Additionally, students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online-standardized local and state assessments. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Cosmetology I: Cutting Edge Styles</td>
<td>We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? In Cosmetology: Cutting-Edge Styles, you will learn all about this entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, which are thoroughly explored in this course. Learn about beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while looking fabulous.* Prerequisites: None</td>
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<tr>
<td>Cosmetology II: The Business of Skin and Nails</td>
<td>Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In Cosmetology 2: The Business of Skin and Nails, experience what the day-to-day life of a cosmetologist is like. You will discover that cosmetology is much more than knowing and applying techniques. Additionally, you will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology. * Prerequisites: Cosmetology 1</td>
</tr>
<tr>
<td>Crafts EL</td>
<td>Through a multidisciplinary approach, students will explore a variety of crafting opportunities which may include paper craft, yam craft, sewing craft, and many other opportunities for expression. * Prerequisites: None * This course includes an optional learning experience.  * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Crafts HS</td>
<td>Through a multidisciplinary approach, students will explore a variety of crafting opportunities which may include paper craft, yam craft, sewing craft, and many other opportunities for expression. * Prerequisites: None * This course includes an optional learning experience.  * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Creative Writing Projects EL</td>
<td>This multidisciplinary project based course gives younger students an avenue to apply creative thinking, technology and writing skills. Students will be able to choose a pathway for creative expression including but not limited to: blogging, short stories, website creation, poetry, and marketing. * Prerequisites: None * This course includes an optional learning experience.  * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Creative Writing Projects HS</td>
<td>This multidisciplinary project based course gives students an avenue to apply creative thinking, technology and writing skills. Students will be able to choose a pathway for creative expression including but not limited to: blogging, short stories, website creation, poetry, and marketing. * Prerequisites: None * This course includes an optional learning experience.  * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Creative Writing: Unleashing the Core of Your Imagination</td>
<td>For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange, hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing. * Prerequisites: None</td>
</tr>
<tr>
<td>Criminal Investigation</td>
<td>Students examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. They study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies. * Prerequisites: None</td>
</tr>
<tr>
<td>Criminology: Inside the Criminal Mind</td>
<td>Understanding the criminal mind is not easy. Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. In Criminology: Inside the Criminal Mind, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process. * Prerequisites: None</td>
</tr>
<tr>
<td>Critical Thinking and Study Skills</td>
<td>Increase your success in high school and beyond by learning proven study techniques and test-taking skills. This half-credit course teaches the ACE test-taking method to increase scores on key tests such as the ACT, SAT, and tests for graduation. Throughout the course, Mawi Asgedom, a Harvard graduate who was expert who has trained more than a million students. * Prerequisites: None</td>
</tr>
<tr>
<td>Critical Thinking Projects EL</td>
<td>Through a multidisciplinary approach, students will explore why critical thinking is important and how does critical thinking differ from simple thinking. We will ask questions such as: What are strategies I can employ while solving logic problems and puzzles? How can I solve them while working with others on concepts involving common logical errors when one is making a written or spoken argument. Further, students will explore where critical thinking shows its greatest need in and out of school: academically, athletically, and socially. * Prerequisites: None * This course includes an optional learning experience.  * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Critical Thinking Projects HS</td>
<td>Through a multidisciplinary approach, students will explore why critical thinking is important and how does critical thinking differ from simple thinking. We will ask questions such as: What are strategies I can employ while solving logic problems and puzzles? How can I solve them while working with others on concepts involving common logical errors when one is making a written or spoken argument. Further, students will explore where critical thinking shows its greatest need in and out of school: academically, athletically, and socially. * Prerequisites: None * This course includes an optional learning experience.  * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Critical Thinking Projects MS</td>
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<tr>
<td>Culinary Arts Ia: Introduction</td>
<td>Food, glorious food! It both nourishes and satisfies us, and it brings people together through preparation, enjoyment, and celebration. If you've ever wanted to learn more about cuisine and how your creativity and appreciation can be expressed by preparing food, Introduction to Culinary Arts is perfect for you. Learn the fundamentals of a working kitchen, and explore what it takes to develop real talent as a chef. Enhance your knowledge of the endless varieties of food, and discover the possibilities that the many spices can bring. Learning more about food preparation will certainly make everything you prepare taste better while giving you the ability to bring people together through the joy of eating. * Prerequisites: None</td>
</tr>
<tr>
<td>Culinary Arts Ib: Finding Your Palate</td>
<td>Did you know that baking is considered a science? Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. The last unit in this course explores careers in the culinary arts for ways to channel your newfound passion! * Prerequisites: None</td>
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<td>Culinary Arts II: Baking, Pastry, and More!</td>
<td>Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2: Baking, Pastry, and More! will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safely in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure! * Prerequisites: Culinary Arts: Introduction</td>
</tr>
<tr>
<td>Culinary Expressions EL</td>
<td>Cooking is an art and an experience. Food can be seen as sustenance for your existence or the thing that binds your family together as you sit for a meal every Sunday night. Whether you love new culinary experiences or not, learning to cook is one of the fundamental skills students should have as they move forward into adulthood. Our Cross curricular culinary expressions class is developed to serve both beginners and novices in the kitchen. Each week offers core culinary concepts and hands on experiences directly in the kitchen. Students will increase knowledge and skill in a diverse set of culinary practices through the use of technology, psychological studies and art! &quot;Learn how to cook--try new recipes, learn from your mistakes, be fearless and have fun.&quot; - Julia Child* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Culinary Expressions HS</td>
<td>Cooking is an art and an experience. Food can be seen as sustenance for your existence or the thing that binds your family together as you sit for a meal every Sunday night. Whether you love new culinary experiences or not, learning to cook is one of the fundamental skills students should have as they move forward into adulthood. Our Cross curricular culinary expressions class is developed to serve both beginners and novices in the kitchen. Each week offers core culinary concepts and hands on experiences directly in the kitchen. Students will increase knowledge and skill in a diverse set of culinary practices through the use of technology, psychological studies and art! &quot;Learn how to cook--try new recipes, learn from your mistakes, be fearless and have fun.&quot; - Julia Child* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Currency EL</td>
<td>Understanding and handling money properly is very important! So, through a multidisciplinary project based class, plan to have some fun with money skills! Identify, count, compare and use money while you learn why having coins of different values makes good sense.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Cursive Handwriting</td>
<td>Cursive Handwriting gives student the opportunity to learn the art of cursive handwriting. This courses uses videos and written lessons to demonstrate and explain how each letter is written. Students practice their cursive writing using engaging activity pages.* Prerequisites: None</td>
</tr>
<tr>
<td>Cybersecurity I: Foundations</td>
<td>Ever wonder what it’s like to be a hacker? Or think about who is trying to steal your passwords while you’re shopping online using the free Wi-Fi at your local coffee shop? Can someone be watching your personal, private information? Can anything be kept “secret” online? We depend more and more on the technologies we interact with every day. This creates the need for increased system and network security measures. And, it means we all need to know more about how to protect valuable and vulnerable information. This course introduces you to the tools, technologies, and methods needed to protect online information and addresses how these issues are impacting safety and rights on a global and personal level. Learn what exciting career possibilities await you in the new and high-demand field of cybersecurity.* Prerequisites: None</td>
</tr>
<tr>
<td>Cybersecurity II: Defense Against Threats</td>
<td>Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyber attacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. In a world where such threats have no boundaries, cybersecurity will undoubtedly play an increasingly larger role in our personal and professional lives in the years to come.* Prerequisites: Cybersecurity I: Foundations</td>
</tr>
<tr>
<td>Dance</td>
<td>We have a wide variety of cross-curricular dance classes for all levels of skill and preferences. These classes include: ballet, classical, hip hop, modern, performance, explorations, regency, swing, and tap. These classes include elements of art, music, and technology in the study of dance and the human body.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Debate EL</td>
<td>Through a multidisciplinary approach, students will explore ways to add various communication styles to speeches. Further, students will explore the psychology of fear versus confidence when speaking and debating in a public setting. Students will learn rehearsal techniques and overcoming obstacles. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Design EL</td>
<td>Through a multidisciplinary approach, via an introductory course, students are offered the opportunity to explore various visual art forms and techniques through the exploring elements and principles of art, technology and design.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Design HS</td>
<td>Through a multidisciplinary approach, via an introductory course, students are offered the opportunity to explore various visual art forms and techniques through the exploring elements and principles of art, technology and design. Students will be introduced to a variety of media through two-dimensional and three-dimensional approaches to creating and responding to visual arts. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Developmental Writing</td>
<td>Students apply the fundamental tools and techniques needed to write clear sentences, effective paragraphs, and well-organized essays for general education courses and employment settings. Using Standard American English, students learn to organize, clarify, and communicate written ideas, as well as how to use correct sentence structure, grammar, and parts of speech in written communication. Students also develop skills in revising and editing to clarify voice, tone, style, and mode. * Prerequisites: None</td>
</tr>
<tr>
<td>Digital Art and Design MS</td>
<td>There are so many different types of art in this world—fine art, classical art, visual art—but the impact of digital art and design is all around us, often in ways that you probably aren’t even aware of! After taking Digital Art and Design, you’ll enjoy a deeper understanding and appreciation for all things digital as you explore this special genre of art found in everything from advertising to animation to photography and beyond. In this course, you’ll learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will actually create your own digital art and make it come alive. Give your creative side a boost with this Digital Art and Design course!* Prerequisites: None</td>
</tr>
<tr>
<td>Digital Media Fundamentals Ia</td>
<td>Discover your talent for building digital media applications using text, graphics, animations, sounds, videos, and more! Learn about the elements that make impressive media, such as typography, color theory, design, and manipulation. Explore careers to apply your digital media skills and find your place in this fast-paced and exciting field!* Prerequisites: None</td>
</tr>
<tr>
<td>Digital Media Fundamentals Ib</td>
<td>Building on the prior prerequisite course, polish your digital media skills and learn all about web design. Incorporate your ideas into websites and dabble in the basics of marketing to understand how your work is used. Finally, explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career!* Prerequisites: Digital Media Fundamentals Ia</td>
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<tr>
<td>Digital Movie EL</td>
<td>Through a multidisciplinary approach, students will create all the artistic elements for movies they create including characters, costumes and sets. They handle all of the movie's technical details including using a digital movie camera, digital editing and special effects. Students will learn about marketing concepts and artistic expression.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Digital Photography Ia: Introduction</td>
<td>Have you ever wondered how professional photographers manage to take such sensational pictures? How are they able to find just the right way to capture an image or moment in time? Perhaps you’ve even wondered why your own pictures don’t meet that standard. Digital Photography I: Introduction will answer these questions and help you understand more about the basics of photography. Learning about aperture, shutter speed, lighting, and composition is key for any serious photographer and will help you gain the confidence and knowledge you need to become one. You will not only follow photography through its history but also gain a basic understanding of camera functions, techniques and what it takes to shoot quality portraits, close-ups, action shots, and landscapes.* Prerequisites: None</td>
</tr>
<tr>
<td>Digital Photography Ib: Creating Images with Impact!</td>
<td>Building on the prior prerequisite course, further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring you photos to life. Using this knowledge, build a portfolio of your work to pursue a career in this field!* Prerequisites: Digital Photography Ia: Introduction</td>
</tr>
<tr>
<td>Digital Photography Ii: Discovering Your Creative Potential</td>
<td>In today's world, we are surrounded by images. We are continually seeing photographs as they appear in advertisements, on websites, in magazines, and on billboards; they even adorn our walls at home. While many of these images have been created by professional photographers, it is possible for your photos to take on a more professional look after you discover how to increase your creative potential. In Digital Photography Ii: Discovering Your Creative Potential, you will examine various aspects of the field including specialty areas, ethics, and famous photographers throughout history. You will also learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own.* Prerequisites: Digital Photography I</td>
</tr>
<tr>
<td>Discovering Music I</td>
<td>Designed for students in grades 3 through 5 these courses teach students fundamental musicianship skills from a Western classical approach while aligning to national music education standards. The course challenges students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades. * Prerequisites: None</td>
</tr>
<tr>
<td>Discovering Music II</td>
<td>Designed for students in grades 3 through 5 these courses teach students fundamental musicianship skills from a Western classical approach while aligning to national music education standards. The course challenges students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades. * Prerequisites: Discovering Music I</td>
</tr>
<tr>
<td>Discovering Music III</td>
<td>Designed for students in grades 3 through 5 these courses teach students fundamental musicianship skills from a Western classical approach while aligning to national music education standards. The course challenges students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades. * Prerequisites: Discovering Music I</td>
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<td>Drawing EL</td>
<td>Drawing and Composition is an introduction to fundamental techniques and concepts of representational and expressive drawing within a variety of media. Students will participate in a project based multidisciplinary course using many content areas to explore as artistic objects.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Drones Remote Pilot</td>
<td>This course prepares students to take the Federal Aviation Administration Part 107 exam, which is essential to becoming a commercial drone pilot. The field of unmanned aerial vehicles is growing rapidly, as the opportunities to use them for search and rescue, photography, recreation, inspection, and many others continue to multiply. Students will learn the critical facts to prepare for the test; topics, which include: regulations, airspace, requirements, weather, loading &amp; performance, and operations. The course will conclude with a look at the most promising careers in the field of drones.* Prerequisites: None</td>
</tr>
<tr>
<td>Early Childhood Education I: Introduction</td>
<td>As children, we see the world differently than we do as teenagers and adults. It is a world full of magical creatures and strange, exciting things. But what makes childhood such a wondrous time of learning and exploration? What can caregivers do to encourage this? In Early Childhood Education I: Developing Early Learners, you will learn more about understanding the childhood experience. Learn how to create interesting lessons and stimulating learning environments that provide a safe and encouraging experience for children. Discover how to get children excited about learning and, just as importantly, to feel confident about their abilities. Early childhood teachers have the unique opportunity to help build a strong base for their young students' life-long education.* Prerequisites: None</td>
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<tr>
<td>Early Childhood Education IB: Developing Early Learners</td>
<td>What makes childhood such a wondrous time of learning and exploration? What can caregivers do to encourage this? In Early Childhood Education I: Developing Early Learners, you will learn more about the childhood experience and how to create fun, stimulating, and educational environments for children. Discover how to get children excited about learning and, just as importantly, to feel confident about their abilities. Learn to effectively communicate with children, how to create good behavior, and how to discipline youth of different ages. You will also learn how to encourage language development in young children and how to create a literacy-rich environment. Finally, build an educational plan that will help you meet your career goals and explore professional development opportunities that will assist you on your path.* Prerequisites: Early Childhood Education I: Introduction</td>
</tr>
<tr>
<td>Earth Science</td>
<td>Students look at our planet's place in the universe, at its composition, and at the many changes, it may undergo. In addition, they study Earth's history by comparing landforms, investigating the properties of rocks and minerals, the atmosphere, and weather patterns, and examining the relationships between the Earth, moon, and sun.* Prerequisites: None</td>
</tr>
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<td>Earth Science CR</td>
<td>Students look at our planet's place in the universe, at it's composition, and at the many changes it may undergo. In addition, they study Earth's history by comparing landforms, investigating* Prerequisites: None</td>
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<tr>
<td>Economics</td>
<td>This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.* Prerequisites: None</td>
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<tr>
<td>Economics (Hybrid)</td>
<td>This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.* Prerequisites: None</td>
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<td>Economics CR</td>
<td>This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.* Prerequisites: None</td>
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<td>Economics Honors</td>
<td>Economics Honors provides the student with basic knowledge of the history and philosophy of the United States economy and the economic principles that guide our democracy. Students demonstrate problem solving, and their understanding of the processes for economic reasoning, by applying economic principles to decisions they make as consumers, workers, and members of local and larger societies. This, in turn, enables the student to understand the issues and public policies that affect economic, political, and cultural systems. The course focuses on the functions and duties of the three branches of government, which are the legislative, executive, and judicial as they relate to the economy. Special attention is given to the role of the Federal Reserve System in administering the United States economy.* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 1</td>
<td>In this course, students build on foundational skills while using software to draw, type, and format text. They also create presentations to support academic skills. Students learn listening and organization skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 2</td>
<td>In this course, students use appropriate technology tools and resources to complete projects and solve problems. Students use software to draw, write, organize, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 3</td>
<td>In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. They learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 4</td>
<td>In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety, appropriate online behavior, and effective search and website evaluation strategies.* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 5</td>
<td>In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible communicators and users of technology as they learn about intellectual property, Internet safety, and effective search and evaluation strategies.* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 6</td>
<td>Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.* Prerequisites: None</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 7</td>
<td>Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.* Prerequisites: Ed Tech 6 (recommended)</td>
</tr>
<tr>
<td>Educational Technology and Online Learning 8</td>
<td>Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.* Prerequisites: Ed Tech 7 (recommended)</td>
</tr>
</tbody>
</table>
In this course, students explore the features of a draw and paint program as a tool to support emerging reading, writing, and mathematics skills. They learn to locate letters and numbers on the keyboard. A study skills unit introduces them to listening and visualization techniques that support learning. Students also learn to recognize safe and responsible use of technology resources so they can become model digital citizens. Prerequisites: None

Elementary Technology and Online Learning K

Through a multidisciplinary approach, students will explore the world of electricity. Students will learn, using a hands-on approach, about the basic technology principles of electricity, magnetism, circuits, and batteries. This class includes weekly online assignments and a collaborative tech project and presentation using Google Slides and FlipGrid. Prerequisites: None

This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.

Electricity EL

Electricity HS

Electricity MS

Elementary Chinese I

Students learn Mandarin Chinese through conversations with a native speaker. Cultural explorations lead students to make connections between their culture and that of people in the Mandarin-speaking world. These introductory courses use many interactive components to engage students with the Chinese language and culture. Prerequisites: None

Elementary Chinese II

Students learn Mandarin Chinese through conversations with a native speaker. Cultural explorations lead students to make connections between their culture and that of people in the Mandarin-speaking world. These introductory courses use many interactive components to engage students with the Chinese language and culture. Prerequisites: Elementary Chinese I

Elementary Ecology

The Elementary Ecology course, targeted for Grades 2-4, is taught by Ms. Emily Rogers. Ms. Rogers engages students by teaching them the food chain in the context of specific ecosystems. She explores changes to ecosystems and how these changes affect the organisms living there. Exciting virtual field trips help deepen students' understanding of the concepts presented. Prerequisites: None

Elementary French I

Elementary French II

Elementary German I

Elementary German II

Elementary Home Life

In this course, students select from a number of activities that develop their skills through fun, experiential learning projects. Activities include cooking, crafts, sewing, home maintenance, family outings, and genealogy. Prerequisites: None

Elementary Music

Students learn traditional children's songs and finger plays. Prerequisites: None

Elementary Physical Education 1

Each week, students learn new games and activities that are grouped into thematic units including Making Healthy Choices and Games Around the World. In addition to completing the activities described in the lessons, students have the option of participating in yoga or an individual or a team sport. Prerequisites: None

Elementary Physical Education 2

Each week, students learn a new game or activity based on thematic units including games they can make and games from around the world. In addition to doing the activities described in the lessons, students have the option of participating in yoga or an individual or a team sport. Prerequisites: None

Elementary Physical Education 3

By third grade, students are expected to understand and demonstrate clearly defined combinations of movements, and they learn one or more new activities each week. Students learn the importance of nutrition as it relates to health and physical fitness. They also have the option of participating in yoga or an individual or a team sport. Prerequisites: None

Elementary Physical Education 4

By fourth grade, students have improved hand coordination, and they understand rules and the importance of following them. This prepares them for more advanced instruction in both individual and partner activities. Students learn the importance of nutrition and exercise as they relate to health and physical fitness. They also have the option of participating in yoga or an individual or a team sport. Prerequisites: None

Elementary Physical Education 5

By fifth grade, students understand the concepts of fair play and playing by the rules. Respecting themselves and others is emphasized during cooperative physical education activities. Students learn the importance of nutrition and exercise as they relate to health and physical fitness. They also have the option of participating in yoga or an individual or a team sport. Prerequisites: None

Elementary Physical Education K

In kindergarten, physical education encourages students to develop their fine motor skills, movement, and confidence to enjoy healthy physical activity regularly. A combination of interactive and hands-on activities teaches students essential skills. Students learn how to respect themselves and others while playing. Prerequisites: None

Elementary Projects EL

Elementary Skills Projects EL

In this interdisciplinary class, students will have fun with exploring and wonder! Students will apply what they have learned through activities including poetry, story time, art, and beginning technology skills. Students will use various online websites to explore new concepts: Raz Kids, Brain Pop, PBS Kids, Kahn Academy, Coding sites, and much more! Prerequisites: None

This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.
<table>
<thead>
<tr>
<th>Course Name</th>
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<tbody>
<tr>
<td>Elementary Spanish I</td>
<td>These highly interactive courses enable students to communicate with a native speaker and make connections between their culture and the culture of people in the Spanish-speaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Elementary Spanish II</td>
<td>These highly interactive courses enable students to communicate with a native speaker and make connections between their culture and the culture of the Spanish-speaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community. <em>Prerequisites: Elementary Spanish I</em></td>
</tr>
<tr>
<td>Engineering Tech Principles EL</td>
<td>Through a multidisciplinary approach, students will explore engineering principles in a variety of applications. Students will discover the engineering process and have opportunities to test their solutions and explore simple machines. Students will be encouraged to study many different types of engineering principles and creations. Engineering principles can be seen in everything from machines to art! <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Engineering Tech Principles HS</td>
<td>Through a multidisciplinary approach, students will explore engineering principles in a variety of applications. Students will discover the engineering process and have opportunities to test. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Engineering Tech Principles MS</td>
<td>Through a multidisciplinary approach, students will explore engineering principles in a variety of applications. Students will discover the engineering process and have opportunities to test. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>English 12</td>
<td>English 12 is a course that develops both academic and life skills. Concepts are presented in creative and lively ways that reinforce learning goals and engage students. Literary selections include short fiction and poetry from around the globe, modern drama works, and a contemporary novel. Nonfiction selections feature historical correspondence, diaries, logs, and famous courtroom arguments. Life reading skills target forms, applications, and work-related communication. Grammar review and vocabulary development are included in every unit. Prerequisites: Language Arts 11</td>
</tr>
<tr>
<td>English 12 CR</td>
<td>Critical Reading and Effective Writing is a course that develops both academic and life skills. Concepts are presented in creative and lively ways that reinforce learning goals and engage students. Literary selections include short fiction and poetry from around the globe, modern drama works, and a contemporary novel. Nonfiction selections feature historical correspondence, diaries, logs, and famous courtroom arguments. Life reading skills target forms, applications, and work-related communication. Grammar review and vocabulary development are included in every unit. Prerequisites: Language Arts 11</td>
</tr>
<tr>
<td>English 12: An Introduction to College Writing</td>
<td>Introduction to College Writing prepares students to create freshman writing pieces as they move toward their post-secondary education. In this course, they learn the skills necessary to build a solid foundation for basic college writing as they focus on informative and persuasive writing. Students practice organization, tone, and style in their work to ensure that they are well-rounded and skilled writers. Finally, students discover how to locate and present research and evidence in a logical, well-organized manner. Prerequisites: None</td>
</tr>
<tr>
<td>English 9</td>
<td>English 9 is a course that covers literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. Along the way, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards. Prerequisites: None</td>
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<td>English 9 CR</td>
<td>English 9 CR is a course that covers literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. Along the way, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards. Prerequisites: None</td>
</tr>
<tr>
<td>English 9: Current Events</td>
<td>How can you discuss the important issues of our day in a meaningful way? Current Events is an introductory, one semester, elective course structured to increase your understanding of current issues in areas of politics, society, and economics. This course emphasizes research, and the topics you will encounter are broad in nature to allow for fluctuation in media coverage on common topics. You will engage in discussion of issues with your peers, including long-standing, complex issues of debate in our country such as capital punishment, genetic engineering, censorship, prayer in schools, gun control, affirmative action, immigration, and global warming. You will express your viewpoints on these subjects using the text of your research to support your statements. Upon completing this course, you will have a greater understanding of some of the political, social, and economic issues that have dominated the news in recent years. You will distinguish between objective and subjective thought in your thinking and sources' reasoning; and will learn how to make educated decisions as to whether the sources present biased or unbiased coverage. For each content unit, you will write essays that demonstrate your research efforts, integrating current viewpoints with the background conversation about issues. Prerequisites: Basic writing skills such as paragraph development and good mechanics.</td>
</tr>
<tr>
<td>English Language Arts 10 (BookShark Level J)</td>
<td>The Language Arts program focuses on creative expression and vocabulary development. We provide instruction on how to compose various writing assignments, namely: narrative, argumentative, expository, persuasive and descriptive. We also require a 4 week research project and various reporting assignments (similar to a periodical). Each writing assignment concludes with a series of evaluation questions for the parent to analyze the quality of the student's finished work. Prerequisites: None</td>
</tr>
<tr>
<td>English Language Arts 10 (Hybrid)</td>
<td>English Language Arts 10 continues to engage and develop student understanding with elements of literature from Greek tragedies to modern times using the genres of fiction and nonfiction. Through reading and the study of literary elements such as plot and setting, character, narrator and voice, tone and mood, and symbolism and irony, students develop skills in literary analysis and interpretation. Students also examine form, style, and persuasion within nonfiction works. In this course, students strengthen their vocabulary, grammar, and mechanics. They also focus on the stages of the writing process. Prerequisites: None</td>
</tr>
<tr>
<td>English Language Arts 11 (Hybrid)</td>
<td>American Literature is a literature and composition course offering organized as a survey of American literature. The course builds literary and communication skills, including reading, writing, language appreciation and aesthetics, listening and speaking, viewing and representing, and research. Within these general topic areas, special emphasis is placed on writing expository, research, and creative compositions; honing critical and analytic skills through close readings of literary, historical, expository, and functional documents; using context strategies and an understanding of etymology to build vocabulary, and practicing communication skills. Prerequisites: None</td>
</tr>
<tr>
<td>English Language Arts 12 (Hybrid)</td>
<td>British and World Literature is a streamlined survey of British literature that illustrates the origins of English-language literature and reflects its reach beyond the British Isles. The course is standards-based. Each activity correlates to state standards in six core areas: reading, writing, language (appreciation and aesthetics), listening and speaking, viewing and representing (including media literacy), and research. The course gives students meaningful practice in fundamental literacy skills while introducing them to classics of British and world literature. Throughout the course, students are encouraged to think and respond independently, critically, and creatively to the subject matter, whether it's a work of literature, a piece of nonfiction writing, or a media work. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Prerequisites: None</td>
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<td>English Language Arts 9</td>
<td>English Language Arts 9 introduces students to elements of literature from classic to modern times using the genres of fiction and nonfiction. Through reading and the study of literary elements such as plot and setting, character, narrator and voice, tone and mood, and symbolism and irony, students develop skills in literary analysis and interpretation. Students also examine form, style, and persuasion within nonfiction works. In this course, students strengthen their vocabulary, grammar, and mechanics. They also focus on the stages of the writing process. Prerequisites: None</td>
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<tr>
<td>Entrepreneurship EL</td>
<td>Entrepreneurship focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Entrepreneurship HS</td>
<td>Through a multidisciplinary approach, this course focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Entrepreneurship MS</td>
<td>Through a multidisciplinary approach, this course focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Survival MS</td>
<td>Through a multidisciplinary approach, this course focuses on recognizing a business opportunity and developing the opportunity into a business. The controlling functions (accounting, finance, marketing, management) as well as legal and economic considerations are applied. Student responsibility and initiative are encouraged as business strategies are created, planned, and presented as a final product - a business plan for an actual business venture. Through the process of developing the business plan, students acquire skills necessary to operate a successful business. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Environmental Projects EL</td>
<td>What does it really take to own your own business? Does the sound of being your own boss make you feel excited or anxious? Either way, Entrepreneurship: Starting Your Business will get you started in the right direction. This course explains the ins and outs of such an enterprise, giving you the confidence needed to be your very own boss. You will discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you've ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.* Prerequisites: None</td>
</tr>
<tr>
<td>Environmental Projects HS</td>
<td>In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Environmental Projects MS</td>
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<td>Environmental Science</td>
<td>In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Environmental Survival EL</td>
<td>In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Environmental Survival HS</td>
<td>This course presents relationships between organisms and how these relationships relate to the functioning of ecosystems. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.* Prerequisites: None</td>
</tr>
<tr>
<td>Environmental Survival MS</td>
<td>In this multidisciplinary course students will learn about the environment, the world around them, from the air we breathe to the water we drink. Through hands-on investigations, students will discover how human activity impacts resources and ultimately our own health and how each one of us can take steps to make a positive impact on our world. Students will explore how technology is being used in environmental issues. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Environmental Survival EL</td>
<td>This multidisciplinary course explores the skills and knowledge base needed in backcountry wilderness adventures including essential gear, necessary knot-tying, backpacking basics, backcountry cooking, orienteering, basics of wilderness first aid, fire building techniques, shelter building, wild edibles, leave no trace ethics, expedition leadership skills, team-building exercises, and more. Steps for planning a successful backcountry trip will be covered as well as local backcountry trip possibilities. The optional lab component of this online class will consist of exercises and discussion related to important trip planning elements and will focus on a risk avoidance mindset.* Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Environmental Survival HS</td>
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<tr>
<td>Environmental Survival MS</td>
<td>This multidisciplinary course explores the skills and knowledge base needed in backcountry wilderness adventures including essential gear, necessary knot-tying, backpacking basics, backcountry cooking, orienteering, basics of wilderness first aid, fire building techniques, shelter building, wild edibles, leave no trace ethics, expedition leadership skills, team-building exercises, and more. Steps for planning a successful backcountry trip will be covered as well as local backcountry trip possibilities. The optional lab component of this online class will consist of exercises and discussion related to important trip planning elements and will focus on a risk avoidance mindset. Time will also be spent learning team-building ideas and leave no trace ethics. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Excel: Office Fundamentals</td>
<td>Discover the real world uses of Microsoft Excel and its impact upon business, academic, and personal applications. Move from inserting and manipulating data, to working with tables, charts, graphs, and calculations. Content of this course will also be applicable to the Microsoft Office Suite certification exam.* Prerequisites: None</td>
</tr>
<tr>
<td>Experiencing Music I</td>
<td>Designed for students in grades K–3, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience for students in these grades. * Prerequisites: None</td>
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<tr>
<td>Experiencing Music II</td>
<td>Designed for students in grades K–2, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience for students in these grades. <em>Prerequisites: Experiencing Music I</em></td>
</tr>
<tr>
<td>Experiencing Music III</td>
<td>Designed for students in grades K–2, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience for students in these grades. <em>Prerequisites: Experiencing Music II</em></td>
</tr>
<tr>
<td>Explorations in Spanish I (3-5)</td>
<td>This introductory Spanish course provides a fun, interactive experience for a student's first exposure to the Spanish language. The content for each unit is based on an authentic story, myth or legend from Spanish-speaking culture. Although the course focuses principally on vocabulary acquisition, basic grammar principles are intuitively grasped through the story, games, activities, songs, and assessments. In addition, students learn to perform simple tasks in connection with each unit's theme. Students engage in language learning in a rewarding, low-stress environment; get comfortable with the sounds and rhythms of Spanish; learn simple Spanish phrases; begin to read, write, speak and listen for meaning in Spanish; and recognize distinctive practices and products of Spanish-speaking culture. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Explorations in Spanish II (3-5)</td>
<td>This course is the second year of our introductory Spanish courses. It provides a fun, interactive experience for a student's continued exposure to the Spanish language. The content for each unit is based on an authentic story, myth or legend from Spanish-speaking culture. The course uses each authentic story as a way to help students acquire vocabulary and other key concepts. The course focuses principally on vocabulary acquisition, basic grammar principles, pronunciation, and culture, all of which are grasped through the story, games, activities, songs, and assessments. In addition, students learn to perform simple tasks in connection with each unit's theme. Students engage in language learning in a rewarding, low-stress environment; get comfortable with the sounds and rhythms of Spanish; learn simple Spanish phrases and sentences related to each theme; continue to read, write, speak and listen for meaning in Spanish; and recognize distinctive practices and products of Spanish-speaking culture. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Explorations in Spanish K-2</td>
<td>This introductory Spanish course provides a fun, interactive experience for a student's first exposure to the Spanish language. The content for each unit is based on an authentic story, myth or legend from Spanish-speaking culture. This course, designed specifically for younger students, focuses principally on vocabulary acquisition through stories, games, songs, and practice activities. Students are exposed to Spanish language and Spanish-speaking cultures in a fun environment where they can explore meanings and begin to express themselves through simple words and phrases. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Exploratory Writing Projects EL</td>
<td>This writing class is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Exploratory Writing Projects HS</td>
<td>This writing class is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Exploratory Writing Projects MS</td>
<td>This writing class is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Explorers Projects EL</td>
<td>This class will provide multiple pathways to creatively explore your favorite time period through technology and artistic expression. Project options may include: A: Journey back to a time when kings were in charge. This multidisciplinary course will explore from the knights of King Arthur to the end of the Samurai. The Lord's and Ladies who changed history lead interesting lives. Let's learn what we can from them about what it truly means to be noble. or: This project guides student through history with that fun Time Lord, Doctor Who. Historical places, people and events are common in episodes of Doctor Who and this course will help students expand their understanding of such events, as well as encourage them to research such material. Students will learn interesting facts about the TV show and discuss both the TV series and real life historical events. Students will also learn art history, literature, research, and how to present their thoughts via multimedia. <em>Prerequisites: None</em></td>
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<tr>
<td>Explorers Projects HS</td>
<td>This class will provide multiple pathways to creatively explore your favorite time period through technology and artistic expression. Project options may include: A: Journey back to a time when kings were in charge. This multidisciplinary course will explore from the knights of King Arthur to the end of the Samurai. The Lord's and Ladies who changed history lead interesting lives. Let's learn what we can from them about what it truly means to be noble. or: This project guides student through history with that fun Time Lord, Doctor Who. Historical places, people and events are common in episodes of Doctor Who and this course will help students expand their understanding of such events, as well as encourage them to research such material. Students will learn interesting facts about the TV show and discuss both the TV series and real life historical events. Students will also learn art history, literature, research, and how to present their thoughts via multimedia. <em>Prerequisites: None</em></td>
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<td>Explorers Projects MS</td>
<td>This class will provide multiple pathways to creatively explore your favorite time period through technology and artistic expression. Project options may include: A: Journey back to a time when kings were in charge. This multidisciplinary course will explore from the knights of King Arthur to the end of the Samurai. The Lord's and Ladies who changed history lead interesting lives. Let's learn what we can from them about what it truly means to be noble. or: This project guides student through history with that fun Time Lord, Doctor Who. Historical places, people and events are common in episodes of Doctor Who and this course will help students expand their understanding of such events, as well as encourage them to research such material. Students will learn interesting facts about the TV show and discuss both the TV series and real life historical events. Students will also learn art history, literature, research, and how to present their thoughts via multimedia. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Exploring Music I MS</td>
<td>This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6-8. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Exploring Music II MS</td>
<td>This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6-8. <em>Prerequisites: Exploring Music I (recommended)</em></td>
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<tr>
<td>Exploring Music III MS</td>
<td>This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6th. Prerequisites: Exploring Music II (recommended)</td>
</tr>
<tr>
<td>Fashion and Interior Design A</td>
<td>Do you have a flair for fashion? Are you constantly looking for new ways to decorate or design your room? If so, Fashion and Interior Design is the course for you. Explore the world of design and begin to understand the background and knowledge needed to develop a career in this exciting field. Try your hand at designing through a project-based process, learning how color, composition, and texture can all affect great aesthetics. You'll develop the essential communications skills necessary to build a successful business and begin to develop the kind of portfolio that will lead to future career opportunities. Perhaps it's time to get your stylish foot in the door? Prerequisites: None</td>
</tr>
<tr>
<td>Fashion and Interior Design B</td>
<td>Do you have a flair for fashion? Are you constantly looking for new ways to decorate or design your room? If so, Fashion and Interior Design is the course for you. Explore the world of design and begin to understand the background and knowledge needed to develop a career in this exciting field. Try your hand at designing through a project-based process, learning how color, composition, and texture can all affect great aesthetics. You will develop the essential communications skills necessary to build a successful business and begin to develop the kind of portfolio that will lead to future career opportunities. Perhaps it's time to get your stylish foot in the door? Prerequisites: Fashion and Interior Design A</td>
</tr>
<tr>
<td>Fashion Design</td>
<td>The fashion business involves a series of buying supplies, creating and developing new products, and marketing those products. Fashion Design is an advanced course for students interested in learning the intricate process of how the fashion system works. This is an in-depth study of the fashion business in sequential order from concept to consumer. The fashion industry includes all of the processes involved with producing raw materials, apparel, and accessories, encompassing the retail stores that sell fashion merchandise to the public. It is important for executives in the fashion trade to know how all of these processes interrelate. Students learn that the decision-making process is complex and not just about the latest designers, styles, or trends of an era. Fashion Design takes students through the history of fashion, exploring the looks and creations at every era. Discussion on the equipment, tools, and fabrics used to create fashion occurs, while also introducing the use of technology in fashion. Students have an opportunity to express themselves and their style through the creation of their own fashion design sketches and mood boards. Students become well-versed in fashion terminology and learn how to forecast new and upcoming fashion trends. Prerequisites: None</td>
</tr>
<tr>
<td>Financial Apps EL</td>
<td>Each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan. The following list of steps can be used to create and implement a personal financial plan. Various lessons from Practical Money Skills are suggested for use in each phase of the personal financial planning process including making money, spending habits, credit cards, calculating interest, budgeting, and the psychology of buyer's remorse. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Financial Apps HS</td>
<td>Each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Each day we make many personal and financial decisions. One way to organize these activities is with the use of a personal financial plan. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Financial Literacy</td>
<td>Financial Literacy helps students recognize and develop vital skills that connect life and career goals with personalized strategies and milestone-based action plans. Students explore concepts and work toward a mastery of personal finance skills, deepening their understanding of key ideas and extending their knowledge through a variety of problem-solving applications. Course topics include career planning; income, taxation, and budgeting; savings accounts, checking accounts, and electronic banking; interest, investments, and stocks; cash, debit, credit, and credit scores; insurance; and consumer advice on how to buy, rent, or lease a car or house. These topics are solidly supported by writing and discussion activities. Journal activities provide opportunities for students to both apply concepts on a personal scale and analyze scenarios from a third-party perspective. Discussions help students network with one another by sharing personal strategies and goals and recognizing the diversity of life and career plans within a group. This course is built to state standards as they apply to Financial Literacy and adheres to the National Council of Teachers of Mathematics' (NCTM) Problem Solving, Communication, Reasoning, and Mathematical Connections Process standards. Prerequisites: None</td>
</tr>
<tr>
<td>First Aid</td>
<td>In this course, students learn and practice first aid procedures for a variety of common conditions, including muscular, skeletal, and soft tissue injuries. In addition, students learn how to appropriately respond to a variety of emergency situations. They also learn the procedures for choking and CPR for infants, children, and adults. In addition to emergency response, students will explore personal, household, and outdoor safety, and disaster preparedness. Prerequisites: None</td>
</tr>
<tr>
<td>Fitness MS</td>
<td>Are you physically fit? What does being fit mean to you? Physical fitness is a lot more than just a number on a scale, and that's exactly what you'll learn in this course! Middle School Fitness helps you understand the basics of being physically fit and allows for a deeper understanding of your body's functions. You will learn about the complex science behind exercise and determine how you can test your current level of fitness. Explore what it means to be mindful and discover what inspires you. Improving your physical fitness is a smart choice to make at any age, and by signing up for this course, you will be taking the first step on your exciting journey to understanding and improving your physical fitness. Prerequisites: None</td>
</tr>
<tr>
<td>Fitness PRJ Basketball EL</td>
<td>Through a multidisciplinary approach, students will learn the basics of basketball, the physical, emotional, and social aspects of the sport as play. Students will keep a fitness journal and explore body mass index, healthy exercise habits and mindset. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Fitness PRJ Basketball HS</td>
<td>Through a multidisciplinary approach, students will learn the basics of basketball, the physical, emotional, and social aspects of the sport as play. Students will keep a fitness journal and explore body mass index, healthy exercise habits and mindset. Students will work on learning the rules of the sport, shooting skills, ball handling, offensive and defensive footwork, ball strength, game strategy, athleticism, team activities, individual skill development and character development. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Fitness PRJ Basketball MS</td>
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<tr>
<td>Fluency Spanish I</td>
<td>Students begin their introduction to Spanish with fundamental building blocks in four key areas of world-language Spanish study: listening comprehension, speaking, reading, and writing. The extensive use of authentic materials (video, audio, images or texts) allows for a contextualized and interactive presentation of the vocabulary and the linguistic structures. Students are actively engaged in completing task-based activities individually and collaboratively while formulating and testing hypotheses about different aspects of the target language. The materials and the activities engage students in such a way that they learn to develop the necessary metacognitive strategies to be successful both in the processing of the authentic input and in negotiating meaning to reach a mutual understanding with other speakers. Cultural information relevant to Hispanic countries and communities and cross-cultural reflections permeate the materials from beginning to end. Prerequisites: None</td>
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<td>Forensic Science I: Secrets of the Dead</td>
<td>Fingerprints. Blood spatter. Gunshot residue. If these things intrigue you rather than scare you, Forensic Science 1: Secrets of the Dead may be for you. This course offers you the chance to dive into the riveting job of crime scene analysis. Learn the techniques and practices applied during a crime scene investigation and how clues and data are recorded and preserved. You will better understand how forensic science applies technology to make discoveries and bring criminals to justice as you follow the entire forensic process - from pursuing the evidence trail to taking the findings to trial. By careful examination of the crime scene elements, even the most heinous crimes can be solved.* Prerequisites: None</td>
</tr>
<tr>
<td>Forensic Science II: More Secrets of the Dead</td>
<td>Every time a crime is committed, a virtual trail of incriminating evidence is left behind just waiting to be found and analyzed. In Forensic Science 2: More Secrets of the Dead, you’ll learn even more about the powerful science of forensics and how it has changed the face of crime and justice in our world. You will learn some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology and find out how scientists use everything from insects to bones to help them solve crimes. Discover how advanced techniques and methodical processes can lead to catching even the craftiest criminal. The best way to battle crime these days is not with a weapon, but with science.* Prerequisites: Forensic Science I: Secrets of the Dead</td>
</tr>
<tr>
<td>Forensics &amp; Technology EL</td>
<td>In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensics tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions.* Prerequisites: None * This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Forensics &amp; Technology HS</td>
<td>In this multidisciplinary course students will use a variety of technology to explore reasoning skills, observation, memory sharpening, codes and the collection of evidence in a fictional crime scenario. Students will learn about forensics tools, technical resources, forming and testing hypothesis, proper data collection and responsible conclusions. ?* Prerequisites: None * This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Forensics: The Science of Crime</td>
<td>We watch with interest as crime scenes are dramatized on television and in film, and sit on the edge of our seat as various members of the justice system solve the most baffling cases. But what about the science behind the crime? Forensics: The Science of Crime explores the role science and technology play in this fascinating and growing career. In this course, you’ll learn the specialized skills and techniques used during a crime scene investigation and how evidence and data is expertly collected, preserved, and analyzed. With a strong focus on the innovative science used in the field as well as participation in interactive activities, you will follow the entire forensic process from examining evidence to taking the findings to trial. You’ll learn how the professionals are utilizing science to bring criminals to justice.* Prerequisites: None</td>
</tr>
<tr>
<td>Forestry and Natural Resources</td>
<td>Whether you are a tree-hugger or not, everyone loves the beauty and serenity of a healthy forest. Our precious woodland species not only supply us with aesthetic beauty but also play a valuable role in nature. Trees uphold a great deal of our wildlife's ecosystem while providing us humans with needed lumber, paper products, and even food. But these forests cannot protect themselves and depend greatly on humans for conservation. In Introduction to Forestry and Natural Resources, you will learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. After better understanding these variables and how they affect the majesty of our forests, you may just be hugging these gentle giants after all.* Prerequisites: None</td>
</tr>
<tr>
<td>Form Dimension EL</td>
<td>In this multidisciplinary course, students will explore the world of sports through the lens of geometric forms and dimensional exploration of the sports arenas and play. Students may choose a sport and will create a presentation comparing the many aspects of a sport to geometric concepts.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Form Dimension HS</td>
<td>In this multidisciplinary course, students will explore the world of sports through the lens of geometric forms and dimensional exploration of the sports arenas and play. Students may choose a sport and will create a presentation comparing the many aspects of a sport to geometric concepts. * Prerequisites: None* This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Form Dimension MS</td>
<td>In this multidisciplinary course, students will explore the world of sports through the lens of geometric forms and dimensional exploration of the sports arenas and play. Students may choose a sport and will create a presentation comparing the many aspects of a sport to geometric concepts. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Foundations of Game Design I: Introduction</td>
<td>Does your love of video games motivate you to pursue a career in this field? Pursue your passion by learning about the principles of game design through the stages of development, iterative process, critiques, and game development tools. Put these new skills to work by designing your own game!* Prerequisites: None</td>
</tr>
<tr>
<td>Foundations of Game Design Ib: Storytelling, Mechanics, and Production</td>
<td>Building on the prior prerequisite course, use your creativity to develop a game from start to finish! Develop your game creation skills and practice with the tools professionals use to launch your career options in the field of game design. The content of this course also applies to certification exams.REVIEW COURSE OUTLINE* Prerequisites: Foundations of Game Design Ia: Introduction</td>
</tr>
<tr>
<td>Foundations of Music - EL</td>
<td>The Foundations of Music course develops a foundation for students of what music is, the different instruments in the various families of musical instruments, musical periods, select composers, and musical genres and styles. Course topics include:What is Music?Music BasicsStringsFamilyPercussionFamilyBrassFamilyWoodwindFamilyHumanVoiceMusicEnsemblesMusical Periods of Western MusicMusical Styles and GenresFundamentals of Music Sound * Prerequisites: None</td>
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</tr>
<tr>
<td>Foundations of Programming</td>
<td>Learn the skills required to be competitive in today's high tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You'll also explore the vast programming career opportunities available in this high-demand field. This course is part of a program of study that provides coherent and rigorous content needed for progression in the Information Technology career cluster.* Prerequisites: None</td>
</tr>
<tr>
<td>French Culture EL</td>
<td>Through a multidisciplinary approach, students will be introduced to le Francais, one of the most lovely languages in the world. We will not only learn foundational elements such as the alphabet, vocabulary and simple phrases, but we will also explore French culture, art and music. By using a variety of methods, students will learn a new language while having fun!* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>French Culture HS</td>
<td>Through a multidisciplinary approach, students will be introduced to le Francais, one of the most lovely languages in the world. We will not only learn foundational elements such as the alphabet, vocabulary and simple phrases, but we will also explore French culture, art and music. By using a variety of methods, students will learn a new language while having fun! Secondary student will create a multimedia project of their choosing.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>French Culture MS</td>
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</tr>
<tr>
<td>French I</td>
<td>French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None</td>
</tr>
<tr>
<td>French I MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None</td>
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<tr>
<td>French II</td>
<td>French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None</td>
</tr>
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<td>French II MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: MS French I</td>
</tr>
<tr>
<td>French III</td>
<td>French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None</td>
</tr>
<tr>
<td>French IV</td>
<td>French courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None</td>
</tr>
<tr>
<td>Fundamentals of Art</td>
<td>What words can you use to describe the parts that make up great art? What terms do artists apply to their creations in order to achieve intended results? Fundamentals of Art, an entry-level, one-semester course, introduces you to the theory and practice of art. You will begin your study with intensive vocabulary application of the terms of art to help you critically and insightfully discuss* eventually write about*. This course discusses and demonstrates the elements (line, color, shape/form, space, value, and texture) and principles of art (balance, harmony, unity, emphasis, repetition, rhythm, contrast, and composition) through the incorporation of famous works of art, as well as with the use of interactive graphics and activities. You will study classic representations of art that demonstrate particular elements and principles, such as paintings by Pissarro, da Vinci, Cimabue, Monet, Van Gogh, Gauguin, Renoir, and Monet. This course focuses on teaching you to analyze works of art rather than create art. Before enrolling in this course, you should have basic strengths and weaknesses and tailor a personalized study plan for each test-taker.* Prerequisites: None</td>
</tr>
<tr>
<td>Fundamentals of Art History</td>
<td>Moments in time and place work to inspire our most treasured works of art. Can you imagine if Goya lived during the violence and revolution of 19th century Spain? How would Daguerre have expressed himself artistically if he had not invented photography? Each artist expresses his unique moment and place in history. Fundamentals of Art History is an introductory, one-semester course designed to develop your understanding and appreciation for the visual arts. This course focuses on teaching you to analyze works of art rather than create art. In this course, you will explore the arts, artists, and their cultures from prehistoric times through the present. You will begin to explore important works of art selected from various types of media, including painting, sculpture, architecture, and photography. As the course presents works of different periods, you will receive the historical and geographic context necessary for gaining a deeper appreciation of the pieces. This course provides you with a working knowledge of concepts and an enriched vocabulary so that you can become a more informed consumer of art.* Prerequisites: None</td>
</tr>
<tr>
<td>Game Design I: Introduction MS</td>
<td>We all love to play video games but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in Middle School Game Design I, an interactive and hands-on course that will teach you all the ins and outs of making your own game. You will learn the importance of game structure and discover what makes a game fun, challenging, and interesting to players just like you. You will also have the opportunity to explore the design and creative process involved in game creation, learn block-based programs, and experiment with character and story development. As a bonus, you will leave the course with a digital portfolio of everything you created in class. * Prerequisites: None</td>
</tr>
<tr>
<td>Game Design II: Creating a Game MS</td>
<td>Building upon the prior prerequisite course, students will further advance their knowledge of game design by taking this course. Delving into the development process, students will create details and add component pieces in a game while learning to prototype, troubleshoot, and test. Additionally, exploring how to critique a game and advertise it will strengthen the student's ability to create a fully functioning game from start to finish.* Prerequisites: Game Design I: Introduction MS</td>
</tr>
<tr>
<td>GED Prep: English</td>
<td>VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>GED Prep: Math</td>
<td>VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>GED Prep: Science</td>
<td>VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>GED Prep: Social Studies</td>
<td>VIRTUAL TUTOR: GED Updated to reflect the 2014 changes to the test, this test preparation course effectively prepares students for all sections of the GED exam. Course content is broken into strands, allowing students to focus on each subject extensively before moving on to the next area of study. Within each strand, a diagnostic pretest identifies students' strengths and weaknesses and tailors a personalized study plan for each test-taker.* Prerequisites: Counselor Approval</td>
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<tr>
<td>Geography</td>
<td>This course addresses key concepts of physical and human geography and presents information about the United States, Canada, Latin America, Western Europe, Central Europe, Northern Eurasia, Central and Southwest Asia, Africa, South Asia, East Asia, the Pacific world, and Antarctica. Prerequisites: None</td>
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<tr>
<td>Geography 2</td>
<td>Students will learn about the exact and relative location, boundaries, and regions while continuing to build basic map skills. Prerequisites: None</td>
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<tr>
<td>Geography 3</td>
<td>Students will learn to identify hemispheres, continents, and oceans. They will gain an understanding of longitude, latitude, and symbols on maps and graphs. Prerequisites: None</td>
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<tr>
<td>Geography 5</td>
<td>Students will study the regions of the United States, the countries of Latin American and Canada. Prerequisites: None</td>
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<tr>
<td>Geography 6</td>
<td>Students will be awed by the past through the study of world history and geography. Students explore ancient civilizations from early humans through the Renaissance. Prerequisites: None</td>
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<tr>
<td>Geography 7</td>
<td>Students will be captivated by the past as they study the fall of Rome through the Enlightenment. Students also explore the essential elements, themes, and branches of geography while studying the Earth's climate, environment, resources, global populations, cultures, government, and economics, with a particular focus on Europe and Russia. Prerequisites: None</td>
</tr>
<tr>
<td>Geography and Society</td>
<td>Students explore geography skills and principles as they examine several case studies with geographic implications. They gain an understanding of the ways in which geography influences the daily lives of people around the world. This course covers the concepts of physical geography, human and environmental interaction, human systems, and the movement of peoples and their cultures. Prerequisites: None</td>
</tr>
<tr>
<td>Geometry</td>
<td>Geometry is the beginning of creating a solid foundation in mathematics by studying and exploring a wide range of geometric concepts. Students begin to understand the basics of geometric equations and how these equations are present in daily life. Students learn to calculate perimeter and work directly with angles and arcs to understand the importance of geometric math in construction. Prerequisites: Algebra I</td>
</tr>
<tr>
<td>Geometry CR</td>
<td>Geometry is the beginning of creating a solid foundation in mathematics by studying and exploring a wide range of geometric concepts. Students begin to understand the basics of geometric equations and how these equations are present in daily life. Students learn to calculate perimeter and work directly with angles and arcs to understand the importance of geometric math in construction. Prerequisites: Algebra I</td>
</tr>
<tr>
<td>German I</td>
<td>German courses are grounded in the development and integration of the four key language skills: listening, speaking, reading, and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure, and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: None</td>
</tr>
<tr>
<td>German I MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading, and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure, and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: None</td>
</tr>
<tr>
<td>German II</td>
<td>German courses are grounded in the development and integration of the four key language skills: listening, speaking, reading, and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure, and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: German I</td>
</tr>
<tr>
<td>German II MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading, and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure, and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: German I</td>
</tr>
<tr>
<td>Gifted &amp; Talented Language Arts 3</td>
<td>Gifted &amp; Talented Language Arts 3 course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. This course focuses on developing critical thinking and analytical skills. Students also create compositions throughout the course by moving through the five stages of the writing process: planning, drafting, revising, editing, and publishing. Students continue to master the basic skills of writing with instruction in spelling, handwriting, grammar, and language usage. Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Gifted &amp; Talented Language Arts 4</td>
<td>Gifted &amp; Talented Language Arts 4 course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. Oral language skills are developed with instruction in oral compositions, interviews, and discussion. Writing skills are reinforced with instruction in spelling, handwriting, grammar, and language usage. Classic and award-winning children's literature carries students across oceans and through centuries as tales of adventure unfold. Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Gifted &amp; Talented Language Arts 5</td>
<td>Gifted &amp; Talented Language Arts 5 course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction, as well as increased interaction with their peers. Critical thinking skills are intertwined with novel activities in order to sharpen students' analytical abilities. Reading comprehension instruction allowing students to practice identifying main ideas and themes in any given reading passage. The writing content throughout the course concentrates on crafting quality sentences, organizing paragraphs, summary writing, and adding detail to writing. Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Gifted &amp; Talented Language Arts 6</td>
<td>In Gifted &amp; Talented Language Arts 6, the student works at an accelerated pace, while engaging in more complex and challenging instructional activities. Each unit focuses on a central question; the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as: What brings out the best in you?, What's fair and what's not?, and What makes you who you are? The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self select literature for independent reading and choose either Journey to Topaz or Travels with Charley as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes expository, creative, and persuasive writing. In the second semester, as the student reads, analyzes, and interprets a variety of literature, the student will ponder answers to central questions such as: What makes a hero?, What can I learn from my mistakes?, and What makes a friend? The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self select literature for independent reading and choose either Walk Two Moons or Esperanza Rising as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes expository, creative, and research writing. Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Gifted &amp; Talented Language Arts 7</td>
<td>In Gifted &amp; Talented Language Arts 7, the student will work at an accelerated pace while engaging in more complex and challenging instructional activities. Each unit focuses on a central question; and the student will read, analyze, and interpret a variety of literature that Prerequisites: Counselor Approval</td>
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<tr>
<td>Gifted &amp; Talented Language Arts 8</td>
<td>In Gifted &amp; Talented Language Arts 8, the student will work at an accelerated pace while engaging in more complex and challenging instructional activities. Each unit focuses on a central question; and the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as the following: “Which is more important, the journey or the destination?”, “What do you do when you don’t know what to do?”, and “How do you stay true to yourself?” The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. He will also select literature for independent reading and choose either Johnny Tremain or My Brother Sam is Dead as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes personal, creative, and persuasive writing. In the second semester, the student will continue to work at an accelerated pace while engaging in more complex and challenging instructional activities. As he reads, analyzes, and interprets a variety of literature, the student will ponder questions to such questions as the following: “How do you keep from giving up when bad things happen?”, “What’s worth fighting for? What’s not?”, and “What is the American dream?” The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. He will also select literature for independent reading and choose either The Giver or Ella Minnow Pea as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes creative, persuasive, and research writing. * Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Gothic Literature: Monster Stories</td>
<td>Vampires, ghosts, and werewolves have lived in our collective imagination since the 18th century, and they continue to influence the world of fiction even today. Gothic Literature: Monster Stories focuses on the major themes found in Gothic literature and demonstrates the techniques writers use to produce a thrilling psychological experience for the reader. The themes of terror versus horror, the power of the supernatural, and the struggle between good and evil are just a few of the classic Gothic subjects explored in this course. Are you brave enough to go beyond the fear and find an appreciation for the dark beauty of Gothic stories? * Prerequisites: None</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>Graphic Design is an introduction to elements of design, spatial relationships, typography and imagery as they apply to practical visual solutions for self-promotion, resumes, logo design, Web design, and sequential systems. In this course, the student explores the basic foundations of design through a series of visual projects that explore the principles and elements of design. Students will work both with analog and digital media as they explore two-dimensional and three-dimensional design along with color theory. This course will help develop and explore a student’s ability to communicate visually. In each lesson students acquire new skills, which take some effort. Beyond fundamental skills are various levels of creativity. Each lesson provides room for a student to express the technical skill learned in his or her own creative way. * Prerequisites: None</td>
</tr>
<tr>
<td>Great Minds in Science: Ideas for a New Generation</td>
<td>Sometimes there are simply more questions than answers. Does life exist on other planets? How extreme is the human ability to survive? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions by using extensive inquiry to find innovative solutions. Similar to such famous minds from history as Edison, Einstein, Curie, and Newton, the scientists of today are finding ways to revolutionize our lives and the world. Great Minds in Science: Ideas for a New Generation takes an in-depth look at the extraordinary work of these individuals and demonstrates how their ideas may very well shape the world of tomorrow. * Prerequisites: None</td>
</tr>
<tr>
<td>Green Screen EL</td>
<td>Students are introduced to the fundamentals of digital photography and creating special effects using a green screen. ChromaKey is a technique used to combine two images together in which a color from one image is removed or made transparent, revealing another image behind it. The students will be the actors and actresses. Students can perhaps climb a mountain, dive in the ocean, or battle dinosaurs. They create a real or imaginary adventure and film it all the fun. This class combines technology, art and photography through the use of innovative processes for capturing pictures. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Green Screen HS</td>
<td>Students are introduced to the fundamentals of digital photography and creating special effects using a green screen. ChromaKey is a technique used to combine two images together in which a color from one image is removed or made transparent, revealing another image behind it. The students will be the actors and actresses. Students can perhaps climb a mountain, dive in the ocean, or battle dinosaurs. They create a real or imaginary adventure and film it all the fun. This class combines technology, art and photography through the use of innovative processes for capturing pictures. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Group Instrumental EL</td>
<td>In this multidisciplinary class students will learn explore music through technology and they will learn how to play an instrument of their choice, and perform in a small group ensemble. Instruction will be demonstrated through classroom lecture, group instruction, activities and personal trial and error. Exploration in other areas will include music technology, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, artistic expression, songwriting, responsibility, accountability, and the importance of practice. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Group Instrumental HS</td>
<td>In this multidisciplinary class students will learn explore music through technology and they will learn how to play an instrument of their choice, and perform in a small group ensemble. Instruction will be demonstrated through classroom lecture, group instruction, activities and personal trial and error. Exploration in other areas will include music technology, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, artistic expression, songwriting, responsibility, accountability, and the importance of practice. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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</tr>
<tr>
<td>Guitar I</td>
<td>Whether you love music, want to play guitar for your family and friends, or desire to be a professional musician, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Ariel, will take you through each step of this journey towards becoming a skilled guitarist and musician. No prior music background is required. * Prerequisites: None * Pending 2020 curriculum review/board approval</td>
</tr>
<tr>
<td>Guitar I MS</td>
<td>Whether you want to play guitar for your family and friends, desire to be a professional performer, or just love playing music, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Summer, will take you through each step of this journey towards becoming a skilled guitarist and musician. Pending 2020 curriculum review/board approval</td>
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<tr>
<td>Guitar II</td>
<td>This course builds on the solid foundation provided in the High School Guitar 1 course. Students will learn to play movable scale patterns, build chords, read melodies, and improvise music in several keys, up and down the fretboard. Additionally, students will learn a variety of professional accompaniment patterns, solo guitar playing skills, and guitar trio arrangements. This course is an essential step in the continuing journey towards becoming a skilled guitarist and musician. <em>Prerequisites: Guitar I Pending 2020 curriculum review/board approval</em></td>
</tr>
<tr>
<td>Guitar Projects Advanced EL</td>
<td>Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Guitar Projects Advanced HS</td>
<td>Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Guitar Projects Advanced MS</td>
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<tr>
<td>Guitar Projects Beginner EL</td>
<td>Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Guitar Projects Beginner HS</td>
<td>Through a multidisciplinary approach students will explore music and technology. Students will also explore historical aspects of the guitar and participate in hands on weekly group activities which will include using hands for producing tone, ears to develop precise timing in playing, and eyes for comprehension of standard music notation. Weekly group activities include using hands in playing guitar with pick, learning standard music notation in performing exercises, short songs, tablature and additional techniques. Activities will be adaptive based on level of experience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Guitar Projects Beginner MS</td>
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<td>Guitar Projects HS</td>
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<td>Guitar Projects MS</td>
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</tr>
<tr>
<td>Gymnastics EL</td>
<td>This multidisciplinary course is designed as a basic introduction to gymnastics and the human body. The course will include discussion and application of simple mechanical principles underlying tumbling performance. It will also include skill progressions, skill analysis, and body preparation for tumbling. The course will involve skill performance, discussion, fitness and performance analysis using technology. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Gymnastics HS</td>
<td>This multidisciplinary course is designed as a basic introduction to gymnastics and the human body. The course will include discussion and application of simple mechanical principles underlying tumbling performance. It will also include skill progressions, skill analysis, and body preparation for tumbling. The course will involve skill performance, discussion, fitness and performance analysis using technology. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Gymnastics MS</td>
<td>This multidisciplinary course is designed as a basic introduction to gymnastics and the human body. The course will include discussion and application of simple mechanical principles underlying tumbling performance. It will also include skill progressions, skill analysis, and body preparation for tumbling. The course will involve skill performance, discussion, fitness and performance analysis using technology. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Health</td>
<td>This course addresses topics in mental health, social health, nutrition, physical fitness, substance abuse, human development, and disease prevention. The course emphasizes the physical and emotional benefits of making healthful choices and discusses consequences of unhealthful behaviors. Critical thinking is encouraged through the use of open-ended questions, assessments, and videos that present real-life situations. Built using responsive design principles, this HTML course is mobile-friendly, meets accessibility requirements, and includes expanded projects and assessments (including performance assessments). *Prerequisites: None</td>
</tr>
<tr>
<td>Health 1</td>
<td>Elementary Health 1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork. *Prerequisites: None</td>
</tr>
<tr>
<td>Health 2</td>
<td>Elementary Health 2 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation. *Prerequisites: None</td>
</tr>
<tr>
<td>Health 3</td>
<td>Elementary Health 3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation. *Prerequisites: None</td>
</tr>
<tr>
<td>Health 4</td>
<td>Elementary Health 4 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs. *Prerequisites: None</td>
</tr>
<tr>
<td>Health 5</td>
<td>Elementary Health 5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs. *Prerequisites: None</td>
</tr>
<tr>
<td>Health and Personal Fitness</td>
<td>Health and Personal Fitness course concentrates on the principles of being healthy and focuses on physical development, mental and emotional stress, relationships, substance awareness, social disease awareness, and personal safety. Students develop critical life management skills necessary to make sound decisions and take positive actions for healthy and effective living. Personal Fitness: The course concentrates on the principles of being fit and includes subjects such as evaluating fitness, flexibility, anatomy and physiology of body systems as they relate to being fit, nutrition, hydration, and designing a personal fitness program. Students acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness, and begin to develop an optimal level of fitness. *Prerequisites: None</td>
</tr>
<tr>
<td>Health and Physical Education 6</td>
<td>In this course, students will meet a crew of virtual characters that will help them explore health and understand fitness. Among them is Coach Cardio, who will help students measure their growing fitness level by learning to keep their bodies physically fit. Students will complete various projects as they learn about themselves, fitness and the world around them. *Prerequisites: None</td>
</tr>
<tr>
<td>Health and Physical Education 7</td>
<td>In this course, students will reach new levels of fitness through sports, dance, aquatics, and more. Course characters will help guide and enhance their experience. Students will learn safety rules for exercises to improve their skills, how different activities target different parts of their body, and how to reach new goals. *Prerequisites: None</td>
</tr>
<tr>
<td>Health and Physical Education 8</td>
<td>This course will provide students practice in game strategy, sport skills and performance. Students will discover the diversity of sports, nutrition, and peer pressure, while learning how to make effective decisions. *Prerequisites: None</td>
</tr>
<tr>
<td>Health I: Life Management Skills</td>
<td>Imagine the healthiest people you know…what’s their secret? While some health traits are genetically determined, the truth is we all have the ability to make positive changes in our physical lives. In Health 1: Life Management Skills, you will learn how to promote better health by decreasing stress and finding a fuller vision of your life. Explore different lifestyle choices that can influence your overall health—from positively interacting with others, to choosing quality health care, to making sensible dietary choices. You will have the opportunity to build your own plan for improvement and learn how to create the type of environment that will ensure your overall health, happiness, and well-being. *Prerequisites: None</td>
</tr>
<tr>
<td>Health K</td>
<td>Elementary Health K helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork. *Prerequisites: None</td>
</tr>
<tr>
<td>Health MS</td>
<td>Students begin to learn and adopt healthier lifestyles, diets, exercise routines, and family dynamics. Middle School Health covers topics from improving lifestyles and nurturing familial relationships to lessening stress and promoting longer, healthier lives. Students study mental health and how it impacts the overall health of any individual directly. Finally, students learn more about decision-making and executing decisions that lead to improved overall health. *Prerequisites: None</td>
</tr>
<tr>
<td>Health Science Foundations Ia: Introduction</td>
<td>Introduce your students to the rewarding field of health science! Learners will acquire foundational knowledge required to pursue a career, such as the roles in the health care industry and the education, training, and credentials needed to attain them. Basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities are also discussed. In addition, students will explore communication, teamwork and leadership techniques—providing a solid basis for those wanting to advance through the health sciences. *Prerequisites: None</td>
</tr>
<tr>
<td>Health Science Foundations Ib: Professional Responsibilities</td>
<td>Building on the prior prerequisite course, you will further develop your understanding of health science. Starting with safety, you will analyze your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. Infection control, first-aid, CPR, and measuring vitals are discussed in detail. You will also learn about numerical data, such as systems of measurement, medical math, and reading and interpreting charts. Finally, examine effective team work and leadership characteristics while building your employment skills. *Prerequisites: Health Science Foundations Ia</td>
</tr>
<tr>
<td>Health Science I: The Whole Individual</td>
<td>We know the world is filled with different health problems and finding effective solutions is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? How are such illnesses as meningitis and tuberculosis identified and diagnosed? Health Sciences I: The Whole Individual provides the answers to these questions and more as it introduces you to such health science disciplines as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment human life in our future. *Prerequisites: None</td>
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<tr>
<td><strong>Health Science II: Patient Care &amp; Medical Services</strong></td>
<td>Are you looking for a job that's challenging, interesting, and rewarding? These three words describe many of the different careers in health care, and Health Sciences II: Patient Care and Medical Services will show you how to become part of this meaningful vocation. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution. <em>Prerequisites: Health Sciences 1</em></td>
</tr>
<tr>
<td><strong>Health Science: Nursing</strong></td>
<td>Nursing is an in-demand career, perfect for someone looking for a rewarding and challenging vocation in the healthcare sector. With a strong focus on patient care, a nurse must be skilled in communication, promoting wellness, and understanding safety in the workplace. In Health Science: Nursing, you will explore communication and ethics, anatomy and physiology, and the practice of nursing. Learn how to build relationships with individuals, families, and communities and how to develop wellness strategies for your patients. From emergency to rehabilitative care to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>Health Science: Public Health</strong></td>
<td>What is public health? Who is in control of our health systems and who decides which diseases get funding and which do not? What are the human and environmental reasons for health inequality? Health Science: Public Health will answer all of these questions and more. You will study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of current and future technologies play worldwide as well as consider the ethics and governance of health on a global scale. Discover unique career opportunities and fascinating real-life situations. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>Health, Fitness, and Nutrition</strong></td>
<td>This course covers first aid, the benefits of good nutrition, and the dangers of alcohol and drug use. Students learn how to evaluate their own fitness and nutritional needs and how to make changes that lead to a healthier lifestyle over the long run. Also discussed are strategies for resisting peer pressure and ways fitness can influence self-image and overall well-being. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>Health, Safety and Nutrition</strong></td>
<td>Students learn about the physical and psychological needs of children, from birth to age eight, and how to meet these needs in group settings. Topics include wellness of young children, standards, guidelines and national initiatives, children's nutritional needs, safe and healthy environments, emergency response, child abuse and neglect, educational experiences, and partnering with families. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>Healthy Living EL</strong></td>
<td>In this multidisciplinary class, students will learn to develop a healthy lifestyle and to incorporate fitness into daily routines by making fitness fun. Students will also explore healthy eating habits and create a project using technology and artistic expression activities to apply the knowledge and skills acquired in this class. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td><strong>Healthy Living HS</strong></td>
<td>In this multidisciplinary class, students will learn to develop a healthy lifestyle and to incorporate fitness into daily routines by making fitness fun. Students will also explore healthy eating habits and create a project using technology and artistic expression activities to apply the knowledge and skills acquired in this class. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td><strong>Healthy Living MS</strong></td>
<td>In this multidisciplinary class, students will learn to develop a healthy lifestyle and to incorporate fitness into daily routines by making fitness fun. Students will also explore healthy eating habits and create a project using technology and artistic expression activities to apply the knowledge and skills acquired in this class. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td><strong>Historical Projects EL</strong></td>
<td>The purpose of this course is to examine the history of a town in Michigan and explore opportunities for renewal. Students will explore this through use of technology and research. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td><strong>Historical Projects HS</strong></td>
<td>The purpose of this course is to examine the history of a town in Michigan and explore opportunities for renewal. Students will explore this through use of technology and research. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td><strong>History 5</strong></td>
<td>Students continue to learn about American History, from colonial times through the twenty-first century. <em>Prerequisites: None</em></td>
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<tr>
<td><strong>History and Geography 6</strong></td>
<td>Students will be awed by the past through the study of world history and geography. Students explore ancient civilizations from early humans through the Renaissance. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>History and Geography 7</strong></td>
<td>Students will be captivated by the past as they study the fall of Rome through the Enlightenment. Students also explore the essential elements, themes and branches of geography while studying the Earth's climate, environment, resources, global populations, cultures, government, and economics, with a particular focus on Europe and Russia. <em>Prerequisites: None</em></td>
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<tr>
<td><strong>History of the Holocaust</strong></td>
<td>&quot;Never shall I forget that night, the first night in camp, which has turned my life into one long night, seven times cursed and seven times sealed.&quot; Elie Wiesel, a Holocaust survivor, wrote these words about his experiences in a Nazi concentration camp. History of the Holocaust will take you through the harrowing details of anti-Semitism, the power of the Nazi party, the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II. You'll explore the causes of the Holocaust, the experiences of Jews and other individuals during this time, and what has been done to combat genocide since WWII. &quot;For the dead and the living, we must bear witness.&quot;<em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>Home Life MS</strong></td>
<td>In this course, students select from a number of fun, experiential learning projects that develop their skills. Activities may include cooking, crafts, sewing, home maintenance, family outings, photography, and genealogy. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td><strong>Home Renovations EL</strong></td>
<td>This course will provide an avenue to put the skills upper elementary students have learned in Home Repair to use as they put into practice the technique and method for basic carpentry, hanging and finishing drywall, installing ceramic tile. Get hands dirty as you learn what it takes to renovate and maintain a home. <em>Prerequisites: Home Repairs</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td><strong>Home Renovations HS</strong></td>
<td>This course will provide an avenue to put the skills students have learned in Home Repair to use as they put into practice the technique and method for basic carpentry, hanging and finishing drywall, installing ceramic tile. Get hands dirty as you learn what it takes to renovate and maintain a home. <em>Prerequisites: Home Repairs</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td><strong>Home Renovations MS</strong></td>
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**Course Name** | **Course Description**
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**Home Repairs EL** | This multidisciplinary course provides a truly hands on experience for upper elementary students interested in home repair. Students will learn basic skills necessary to maintain your home for a fraction of the cost of hiring someone to do it for you. In this class, the students will explore the different elements involved in residential construction and remodeling. There will be practical hands on application of many of the skills that we cover in class, i.e. basic carpentry, hanging and finishing drywall, installing ceramic tile. *Prerequisites: None* This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.*

**Home Repairs HS** | This multidisciplinary course provides a truly hands on experience for students interested in home repair. Students will learn basic skills necessary to maintain your home for a fraction of the cost of hiring someone to do it for you. In this class, the students will explore the different elements involved in residential construction and remodeling. There will be practical hands on application of many of the skills that we cover in class, i.e. basic carpentry, hanging and finishing drywall, installing ceramic tile. *Prerequisites: None* This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.*

**Honors Algebra I** | Algebra I continues the exploration of variables, function patterns, graphs, and equations. Students are expected to describe and translate graphic, algebraic, numeric, and verbal representations of relations and use those representations to solve problems. This course provides a solid foundation for further study in mathematics by helping students to develop computational, procedural, and problem solving skills. *Prerequisites: None*

**Honors Algebra II** | In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students become proficient at solving equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. In this course, students solve equations, inequalities, systems and problems using matrices, inverse matrices, matrix operations, and determinants. Students also learn about different functions and are introduced to the imaginary number i and find complex solutions to equations. Additionally, introduces exponential and logarithmic functions, conic sections, probability, statistics, sequences, and series. *Prerequisites: Algebra I*

**Honors English 10** | In the English 10 Honors course, students examine the belief systems, events, and literature that have shaped the United States. They begin by studying the language of independence and the system of government developed by Thomas Jefferson and other enlightened thinkers. Next, they explore how the Romantics and Transcendentalists emphasized the power and responsibility of the individual in both supporting and questioning the government. Students consider whether the American Dream is still achievable and examine the Modernists' disillusionment with the idea that America is a land of opportunity. Reading the words of Frederick Douglass and the text of the Civil Rights Act, students look carefully at the experience of African Americans and their struggle to achieve equal rights. Students explore how individuals cope with the influence of war and cultural tensions while trying to build and secure their own personal identity. Finally, students examine how technology is affecting our contemporary experience of freedom: Will we eventually change our beliefs about what it means to be an independent human being. In this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way American literature represents the array of voices contributing to our multicultural identity. *Prerequisites: English 9*

**Honors English 11** | The English 11 Honors course asks students to closely analyze British literature and world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems The Odyssey, Beowulf, and The Inferno, in Shakespeare’s Tempest, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of “heroic” and “monstrous” have been defined across cultures and time periods and how the treatment of the “other” can make monsters or heroes of us all. Reading Frankenstein and works from those who experienced the imperialism of the British Empire, students explore the notion of inner monstrosity and consider how the dominant culture can be seen as monstrous in its ostensibly heroic goal of enlightening the world. Throughout this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way British and world literature represent the array of voices that contribute to our global identity. *Prerequisites: English 10*

**Honors English 9** | Honors English 9 is a course that covers advanced literature study, reading, writing, and language. Students read literature from around the world, including the following genres: short story, poetry, memoir, autobiography, drama, and epic. They read examples of informational writing, such as a letter, Web site, magazine article, newspaper article, speech, editorial, and movie or book review. Along the way, they acquire and practice reading skills and strategies that are directly applicable to these literary and informational reading materials. Summaries and annotations support fluency and comprehension of all reading material. Robust scaffolding in the form of process guides and graphic organizers helps reluctant writers to internalize strategies and develop composition skills. Select activities target text-handling skills and promote improved performance on commonly assessed literary analysis and response standards. *Prerequisites: None*

**Hospitality & Tourism I A: Hotel and Restaurant Management** | If you love working with people, a future in hospitality may be for you. In Part 1 of Hospitality and Tourism 2: Hotel and Restaurant Management, you will learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. As well, you will discover trends and technological advances that make each industry exciting and innovative. In Part 1, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d and food service. *Prerequisites: Hospitality & Tourism I*

**Hospitality & Tourism I B: Hotel and Restaurant Management** | Building upon the prior prerequisite course, students will embark on their journey to becoming managers in the hotel and restaurant industry by gaining knowledge and developing a variety of skills. Students will learn of different management styles, laws, and regulations that govern hotels and restaurants as well as how to develop job descriptions and business plans. In addition, students will learn how to create menus, advertise vacancies, perform interviews, and understand financials of hotel or restaurant. *Prerequisites: Hospitality & Tourism I A*

**Hospitality & Tourism: Traveling the Globe** | Think about the best travel location you’ve ever heard about. Now imagine working there. In the 21st century, travel is more exciting than ever, with people traversing the globe in growing numbers. Hospitality and Tourism: Traveling the Globe will introduce you to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around the world of leisure and travel, spotting trends, and planning tasteful events are just a few of the key aspects you will explore in this course as you locate your own career niche in this exciting field. *Prerequisites: None*

**Human and Social Services I: Introduction** | Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. In Human and Social Services 1, you will explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you. *Prerequisites: None*

**Human Geography: Our Global Identity** | Modern humans have been roaming the earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs and lifestyles? In Human Geography: Our Global Identity, you will explore the diverse ways that different people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Discover how beliefs and ideas spread through time, shaping and changing the cultures they encounter. In this course, you’ll gain tremendous insight into human geography and begin to better understand the important relationship between humans and their environments. *Prerequisites: None*

**Human Resource Management** | The student will learn important human resource management skills used by business managers in day-to-day operations. While focusing on various aspects of human resource management and practices, problem-solving and critical-thinking skills are applied. *Prerequisites: None*
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<tr>
<th>Course Name</th>
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<tr>
<td>Improv EL</td>
<td>This active, one semester multidisciplinary class will introduce students to the underlying support systems of short-form improvisation. They will practice teamwork and give and take, working within a structure creatively while developing the voice and body. Students will be exposed to artistic expression and technology infused throughout the course.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Improv HS</td>
<td>This active, one semester class will introduce students to the underlying support systems of short-form improvisation. They will practice teamwork and give and take, working within a structure creatively while developing the voice and body. Objectives: to give students the opportunity to think on their feet and perform in front of others to create a space where students learn to better work with others to develop students' body and vocal awareness to actively engage students in the elements of story (setting, characters, conflict, plot, mood, resolution) to introduce improvisational theatre games.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Improv MS</td>
<td>This active, one semester class will introduce students to the underlying support systems of short-form improvisation. They will practice teamwork and give and take, working within a structure creatively while developing the voice and body. Objectives: to give students the opportunity to think on their feet and perform in front of others to create a space where students learn to better work with others to develop student's body and vocal awareness to actively engage students in the elements of story (setting, characters, conflict, plot, mood, resolution) to introduce improvisational theatre games.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Independent Study</td>
<td>In this course, students develop a semester-long project in a specific area of interest. Topics can include potential career exploration, service learning, or further development of an athletic or musical pursuit. The project involves weekly collaboration with both their work or field supervisor as well as their Oxford teacher. Learning experiences for qualified high school students that are not part of the regular course offerings. The student and teacher prepare a formal agreement outlining student and teacher expectations. A maximum of 1 credit is awarded toward graduation.* Prerequisites: Counselor Approval</td>
</tr>
<tr>
<td>Individual Sports</td>
<td>The multidisciplinary Individual Sports classes are designed to enhance the student's physical education curriculum. Students study the basics of sports in a cross-curricular manner as it relates to their personal fitness and wellness. Students will use technology to understand the workings of the human body and how exercise affects their body. The optional lab portion of the class is offered at various locations. Each semester a selection of elective classes are offered. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master and to enjoy recreational sports.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Information Technology Applications</td>
<td>Information Technology Applications prepares students to work in the field of Information Technology. Students will be able to demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the Internet, web publishing, spreadsheets and database software. Through a series of hands-on activities, students will learn what to expect in the field of Information Technology and begin exploring career options in the field. Information Technology Applications is an introductory level Career and Technical Education course applicable to programs of study in information technology as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification.* Prerequisites: None</td>
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<tr>
<td>International Business: Global Commerce in the 21st Century</td>
<td>Imagine meeting with suppliers at an office in Europe while calling your salesroom that's back in Asia. Imagine investing in foreign markets and visiting partners in exotic locales. With the evolution of current technology, our world is more connected than ever before, and the business community today is larger than ever. International Business: Global Commerce in the 21st Century will demonstrate just how you can gain the knowledge, skills, and appreciation to live and work in the global marketplace. You will begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of a global business in the 21st century.* Prerequisites: None</td>
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<tr>
<td>Intro to Social Emotional Learning EL</td>
<td>Dr. Pajet Monet uses the Intro to Social Emotional Learning - Elementary School course as a platform from which to engage elementary-age students in a journey of discovering the social and emotional aspects of their lives, and how they can begin at an early age to use their attitudes and choices to improve their overall well-being and physical health. She imbues into the course a contagious positive attitude, as well as skills for handling day-to-day challenges that all students will face throughout their lives.* Prerequisites: None</td>
</tr>
<tr>
<td>Intro to Social Emotional Learning HS</td>
<td>The Acctius Intro to Social Emotional Learning - High School course focuses on the importance of living socially, emotionally, and physically healthy lives. The course helps students learn to cultivate strong, caring relationships and good attitudes and to understand the importance of one's overall well-being. Throughout the course, Dr. Pajet Monet inspires positivity, which will empower students to face the day-to-day challenges they will encounter in the real world.* Prerequisites: None</td>
</tr>
<tr>
<td>Intro to Social Emotional Learning MS</td>
<td>In the Intro to Social Emotional Learning – Middle School course, students are guided through an exploration of skills they will find useful as they navigate the social and emotional aspects of their lives. They are shown how, by making wise choices, they gain the power to cultivate healthy and positive attitudes, relationships, and habits that will improve their overall physical and emotional health. With focus on social and emotional learning (SEL) as well as physical fitness, the Intro to Social Emotional Learning – Middle School course equips students to handle day-to-day, real-world challenges throughout their lives.* Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Art</td>
<td>Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.* Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Artificial Intelligence</td>
<td>This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.* Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Augmented and Virtual Reality</td>
<td>This course introduces students to the history and near future of space travel. Students will explore the possibilities of moon bases, Mars colonies, and visiting the outer planets in our solar system and their moons. Students will also discuss important ethical and legal issues around space exploration, such as asteroid mining and war in space. The course gives an expansive view of the technologies, science, and theories that will make far-fetched dreams into realities during the student's lifetime.* Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>In this course, the student will explore business in global society, learning terminology, concepts, systems, strategies, and current issues. Topics include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements.* Prerequisites: None</td>
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<td>Introduction to Business and Technology</td>
<td>Introduction to Business and Technology provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students will also learn the essentials of working in a business environment, managing a business, and owning a business. This course allows students to explore careers in business and information technology while learning skills applicable to any professional setting. Through a variety of hands-on activities, students will engage with word processing, presentation, and spreadsheet software and explore operating systems, networking, and the Internet. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Introduction to Business and Technology is a full-year introductory Career and Technical Education course applicable to programs of study in the Business, Management and Administration and Information Technology Career clusters, as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Microsoft Office Specialist certifications in Microsoft Word, Microsoft Excel and Microsoft Access, as well as IC3 certification. Prerequisites: None</td>
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<tr>
<td>Introduction to Communication</td>
<td>The student will examine the communication process, including elements of listening and verbal and nonverbal communication. The course also explores how these communication elements operate between self, individuals, and groups. Communication concepts and skills are explored through a variety of methods and activities. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Computer Applications</td>
<td>In this course, students use electronic media and software to apply academic concepts in the creation of meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. Students produce presentations on Internet safety, online predators, and cyberbullying. At the end of the course, students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Criminal Justice</td>
<td>Students explore law enforcement, the courts, and the correctional system. They study what crime is, how crime is measured, and theories of crime causation. They also examine issues and challenges within the criminal justice system and its future directions. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Finance</td>
<td>In this course, the student will gain an understanding of financial management, including key language and terminology, time, value of money, financial markets and securities, financial. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Homeland Security</td>
<td>This course provides an overview of the elements involved in the homeland security function, as well as the challenges managers in government and industry can face while maintaining mission operations and staff accountability in the midst of multiple overlapping roles and responsibilities. The key functions of threat prevention, asset protection, crisis response, and operations recovery are addressed from a variety of perspectives. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Law</td>
<td>Students receive an overview of substantive and procedural areas of law and legal practice. They explore the legal profession, courts, ethics, sources of law, and alternative dispute resolution systems, and they analyze an application of law to factual circumstances. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Medical Assisting</td>
<td>Students explore the role of the medical assistant, including professionalism, duties and responsibilities, and medical specialties. Also included is information on medical law and ethics, office management, and compliance and regulatory issues affecting the role of the medical assistant. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Military Careers</td>
<td>Most of us have seen a war movie; maybe it had a hotshot aviator or a renegade private or a daring Special Forces operative. But outside of these sensationalized portrayals, do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine, and Introduction to Military Careers will provide the information you need to gain a broader understanding of how to find the right fit. You will learn about the five military branches' Force, Army, Coast Guard, Marines Corps, and Navy examine which jobs you might like to pursue. From aviation, to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Psychology</td>
<td>The student will gain an understanding of human behavior, including biological foundations and the brain, sensation, motivation, and perception. The relationship between learning and memory; various personality theories; emotions; states of consciousness; cognition; life-span development; and applied psychology will be explored. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to Sociology</td>
<td>In this course, you will explore sociological processes that underlie everyday life. You will learn about globalization, cultural diversity, critical thinking, new technology, and the growing influence of mass media. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to the Internet of Things</td>
<td>First, we had the internet of computers. Then with the advent of email and social media, along with mobile technology, it became the internet of people. Today's world is increasingly becoming the internet of things. With advances in battery power, sensors, and computer chips, more and more devices are being connected to the internet. This will allow them to be monitored, controlled, and used more effectively for people and businesses. This course will examine the trends and opportunities surrounding the Internet of Things. Students will learn about the technologies, hardware, and software that underpin the Internet of Things. The course will examine a variety of end-market applications in our homes, businesses and cities. Finally, students will learn about the many career opportunities that the Internet of Things will enable. Prerequisites: None</td>
</tr>
<tr>
<td>Introduction to the Paralegal Profession</td>
<td>The student will explore the role of paralegals in the legal system, paralegal skills, legal working environments, ethical considerations, and career opportunities. The student is introduced to the sources of law, an overview of courts, and alternative dispute resolution systems. Prerequisites: None</td>
</tr>
<tr>
<td>Japanese Culture EL</td>
<td>An exciting cross curricular exploration in the language and culture of Japan! Students will learn the basics of Japanese language and culture by exploring things as widely known as origami or as unknown and exciting as puppet theatre. Activities, songs, and film clips will be accompanied. Prerequisites: None! This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Japanese Culture HS</td>
<td>An exciting cross curricular exploration in the language and culture of Japan! Students will learn the basics of Japanese language and culture by exploring things as widely known as origami or as unknown and exciting as puppet theatre. Activities, songs, and film clips will be accompanied by basic grammar patterns and vocabulary to create a fun environment for learning Japanese. Languages like Japanese can seem daunting but in fact are rewarding languages that can be grasped with practice. The class will be conducted as an introduction to Japanese and thus not as intensive as a normal language course so students can &quot;get their feet wet&quot; so to speak, with a language such as Japanese. Prerequisites: None! This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Japanese Culture MS</td>
<td>An exciting cross curricular exploration in the language and culture of Japan! Students will learn the basics of Japanese language and culture by exploring things as widely known as origami or as unknown and exciting as puppet theatre. Activities, songs, and film clips will be accompanied by basic grammar patterns and vocabulary to create a fun environment for learning Japanese. Languages like Japanese can seem daunting but in fact are rewarding languages that can be grasped with practice. The class will be conducted as an introduction to Japanese and thus not as intensive as a normal language course so students can &quot;get their feet wet&quot; so to speak, with a language such as Japanese. Prerequisites: None! This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Java Programming I</td>
<td>Students explore programming fundamentals, basic problem solving, variables and assignments, math, conditionals, control ow, methods and functional abstraction, objects and data abstraction, inheritance and polymorphism, exception handling, graphical user interfaces, and external libraries. Students use Sun’s Java programming language throughout this course.* Prerequisites: None</td>
</tr>
<tr>
<td>Java Programming II</td>
<td>Students explore programming fundamentals, basic problem solving, variables and assignments, math, conditionals, control ow, methods and functional abstraction, objects and data abstraction, inheritance and polymorphism, exception handling, graphical user interfaces, and external libraries. Students use Sun’s Java programming language throughout this course.* Prerequisites: None</td>
</tr>
<tr>
<td>Journalism EI</td>
<td>Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.* Prerequisites: None <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Journalism HS</td>
<td>Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.* Prerequisites: None <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Journalism I: Investigating the Truth</td>
<td>If you want to turn your writing, photography, and collaborative skills into an exciting and rewarding career, Journalism I: Investigating the Truth is where to begin. Learn how to write a lead that grabs your readers, discover the roles of sources and how to interview them effectively, and explore the best options for researching your story in a digital world. You will also understand the role editors and producers play in the revision process, learn how to prepare your posts for publication, and how to follow the publication process - from the flow of a work day to the layout of a newspaper or a news broadcast.* Prerequisites: Journalism I: Introduction</td>
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<tr>
<td>Journalism I: Introduction</td>
<td>Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.* Prerequisites: None</td>
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<tr>
<td>Journalism I: Tell Your Story MS</td>
<td>Take your journalistic knowledge to the next level in Middle School Journalism I: Tell Your Story. In this course, you will learn how to format stories for different forms of news media, including print and on-air news, and to edit articles or newscasts for publication. You will also explore law and ethics in the media as well as first amendment rights for journalists. This course will also examine the historical development of journalism, the role of journalism and the media in society, and how the internet has dramatically changed the industry as we've always known it.* Prerequisites: Journalism I: Introduction MS</td>
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<tr>
<td>Journalism IA: Introduction</td>
<td>Are you a storyteller at heart? Are you always the first one to know what's going on at school or in your town and excited to share the latest breaking news? If so, you are the kind of person every online, print, and broadcast news outlet is searching for! Journalism IA: Introduction is the perfect course for you! Explore the history of journalism and see how social media and the digital world has changed the way news media operates. Learn the basics of press law, as well as the code of ethics journalists, should follow. Finally, understand how to make your writing and speaking more powerful, and discover the importance of pictures and images when telling a story.* Prerequisites: None</td>
</tr>
<tr>
<td>Journalism MS</td>
<td>Youth-generated, journalism fosters news literacy and creates a sense of community. Students at will enjoy this creative, exciting, and stimulating multidisciplinary course in as they create an authentic newspaper/letter, and capture their memories yearbook. As students are transformed into reporters and editors, they will become effective in layout and design strategies, use the key elements of successful journalism and gain project management skills. Aspects of newspapers are covered, including parts of a newspaper, writing an article, online newspapers, newspaper reading habits, and layout and design techniques. Yearbook areas combine facets of technology, photography, design and writing.* Prerequisites: None <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Karate EL</td>
<td>In this multidisciplinary course, students will explore the martial art of karate. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of karate and enjoy recreational sports. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities.* Prerequisites: None <em>This course includes an optional learning experience.</em> Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Keyboarding EL</td>
<td>The keyboarding course is appropriate for elementary students. The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard.* Prerequisites: None</td>
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<tr>
<td>Language Arts 1</td>
<td>In first grade, beginning readers work to become fluent readers. Understanding phonemic awareness, comprehension, vocabulary and phonics. second-semester course continues to teach students to attack new words using a variety of decoding and contextual strategies. Students are given daily opportunities to apply these skills to decodable and authentic texts. They are taught to think about what they read through a variety of guided reading strategies. In writing, students create increasingly complex compositions and improve their handwriting.* Prerequisites: None</td>
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<tr>
<td>Language Arts 1</td>
<td>(Hybrid) In this introduction to the world of the English Language, students will be introduced to reading and writing strategies as well as handwriting. Students will develop skills starting at their academic level in order to allow progress and academic growth in an engaging manner. Students will be provided with a list of read aloud books. In the Charlotte Mason style, students will focus on quality books with rich stories and language. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Language Arts 100</td>
<td>(Hybrid) Through a cross curricular and banded standards approach with History, students will read great classics like To Kill a Mockingbird, The Call of the Wild, and The Adventures of Tom Sawyer. These literary treasures will help your children's writing abilities, vocabulary, cultural literacy, and love and learning. They'll also stimulate thinking as your children encounter interesting ideas, characters, and situations. The Language Arts portion corresponds closely with the literature, offering a complete writing program that develops critical thinking skills, literary analysis, and creative writing. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Language Arts 2</td>
<td>In second grade your student is introduced to all parts of the reading process. In the first semester, the student is given the opportunity to apply word attack skills to increasingly complex texts and build their oral and sight vocabularies through daily instruction. While practicing new skills, your student will take part in activities based on books he or she is reading. Your student will apply handwriting and grammar skills to daily journal entries as well as longer and more complex compositions. In the second-semester course, the student is given the opportunity to apply word attack skills to increasingly complex texts and build their oral and sight vocabularies through daily instruction. While practicing new skills, punctuation and increase comprehension, your student will take part in activities based on books he or she is reading. Your student will apply handwriting and grammar skills to daily journal entries as well as longer and more complex compositions. <em>Prerequisites: None</em></td>
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<tr>
<td>Language Arts 2 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach with Social Studies, will enjoy learning with the “natural method.” We include Instructions for multi-sensory approaches to teaching phonics, spelling, copy work, and a complete creative expression/pre-writing program. Literature covered includes: The Chalk Box Kid, The Paint Brush Kid, Third Grade Detectives #4, Cora Frear, Tippy Lemmey, Third Grade Detectives #10, Tomato, Jake Drake: Bully Buster, Secret Valley, The House on Wawelska Street, The Littles, The Last Little Cat, Viking Adventure, Marco Polo, Encyclopedia Brown, and Lumber Camp Library. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Language Arts 3</td>
<td>Building on foundational reading skills, this course focuses on developing critical thinking and analytical skills. Students examine the author's purpose and point of view and practice comprehension and phonics skills through daily reading exercises. Students learn to structure and write complete sentences and then create paragraphs and longer compositions. Throughout the course, students create compositions by moving through the five stages of the writing process: planning, drafting, revising, editing, and publishing. Students continue to master the basic skills of writing with instruction in spelling, handwriting, grammar, and language usage. <em>Prerequisites: None</em></td>
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<tr>
<td>Language Arts 3 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach, students study how history has a real impact on how we live today. Discover together that there are real historical answers to questions such as: Why did castles, knights and jousting tournaments fade away? Why do Americans use inches instead of centimeters? Why aren't there very many Kings and Queens in the world anymore? Why do children study Math and Science? Why do people from different cultures tend to view the world so differently? Go way beyond Europe. Our purpose is not simply to trace the roots of Western civilization, but to acquire an overview of how civilizations have developed all over the world. This means Europe, the Americas, Asia, the Middle East, Australia and Africa. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Language Arts 4</td>
<td>Throughout the course, students are exposed to a wide array of fiction and nonfiction as they develop and apply their comprehension skills. They develop the tools to understand vocabulary presented through a variety of reading material and have the opportunity to read independently, as well as to create projects in response to self-selected books. After reviewing the five stages of the writing process, students create well-organized compositions aided by effective planning tools. The basic skills of writing are reinforced with instruction in spelling, handwriting, grammar, and language usage. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Language Arts 4 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach with Social Studies, students work with weekly dictation exercises give opportunities to recognize and imitate good writing, while a variety of creative and unique writing assignments encourage them to explore various writing styles. Children learn advanced writing techniques such as varying sentence length, using active voice, creating authentic dialog and more. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Language Arts 5</td>
<td>Students continue to develop their reading skills as they are introduced to novels and poetry. Critical thinking skills are intertwined with activities using novels in order to sharpen students' analytical abilities and research writing process. Reading comprehension instruction allows students to practice identifying main ideas and themes in any given reading passage. Students continue to develop their writing skills by focusing on structure, format, and grammar, with a concentration on crafting quality sentences, organizing paragraphs, writing summaries, and adding detail to writing. Grammar is included in this course to provide year-long exposure to the parts of speech and their functions. <em>Prerequisites: None</em></td>
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<tr>
<td>Language Arts 5 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach with social studies, students will study grammar, writing mechanics, research writing and creative expression. Students will recognize and imitate good writing through dictation exercises, explore various writing styles through fun and diverse writing assignments, solidify their natural grasp of grammar and more. The cross curricular activities include: adventures of life overseas, and the study of the classics from our own culture. Get ready to: See cultures with new eyes as you walk with a young Tibetan girl from her homeland all the way to Calcutta. Students will read: The Horse and His Boy, one of C. S. Lewis' marvelous tales of Narnia, Shuffle behind Marian, a disabled Persian girl, as she risks her life to collect stories for the Sultan's wife, who must tell him a new tale every night—or be killed. Students will get more glimpses into life in the Eastern Hemisphere through their Readers this year. They’ll meet characters who inspire courage, curiosity, strength and lots of fun! After you meet one such character in Sadako and the Thousand Paper Cranes, your children will use the included paper to make their own authentic Japanese origami.<em>Prerequisites: None</em> This course includes an optional learning experience.<em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Language Arts 6</td>
<td>In sixth grade, through the study of authors such as Elizabeth Partridge, Gary Soto, and Langston Hughes, students ponder such questions as &quot;Is conflict always bad?&quot;; &quot;How do we decide who we are?&quot;; and &quot;How much do our communities shape us?&quot; Short-term research engages students' curiosity and critical-thinking skills. Students are encouraged to support their ideas with evidence as they practice narrative, informative, and persuasive writing. In the second semester, the student will continue to explore central questions in each unit. As he reads, analyzes, and interprets a variety of literature, he will ponder answers to questions such as: What makes a hero? What can I learn from my mistakes?, and What makes a friend? The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading. The student will strengthen his mastery of the writing process as he composes expository, creative, and research writing. <em>Prerequisites: None</em></td>
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<tr>
<td>Language Arts 6 (Hybrid)</td>
<td>In Sixth Grade, students gain the ability to create a story through the use of the narrative categories and variation through paragraph. Students learn to demonstrate the truth of the Commonplace through what the ancient Greek writer Aithonius calls &quot;eight heads of development,&quot; and students deal more explicitly and thoroughly with what in modern composition theory are referred to as &quot;support points.&quot; The ability to invent four specific types of narrative through these &quot;heads of development&quot; and to paraphrase in two specific ways are the foundational skills to be learned in this stage. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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| Language Arts 7 | In Language Arts 7, each unit focuses on a central question; the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as: How can I become the person I want to be? Who can I really count on? Who influences me and how do they do so? The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading and choose the novel unit. The student will develop his mastery of the writing process as he composes creative, descriptive, and persuasive writing. In the second semester, the student will continue to explore central questions in each unit. As the student reads, analyzes, and interprets a variety of literature, he will ponder answers to questions such as: Is progress always good? Why do people share their stories? What is a community? The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading and choose either Dragnet by John Grisham or Where the Mountain Meets the Moon as his novel unit. The student will strengthen his mastery of the writing process as he composes creative, descriptive, and persuasive writing. Prerequisites: None

| Language Arts 7 (Hybrid) | Through a cross-curricular and banded standards approach with Social Studies, students develop skills in grammar, writing mechanics, research writing, and creative expression. Students will recognize and imitate good writing through dictation exercises, explore various writing styles through fun and diverse writing assignments, solidify their natural grasp of grammar and more. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.

| Language Arts 8 | In Language Arts 8 A, each unit focuses on a central question; the student will read, analyze, and interpret a variety of literature that informs his perspective about questions such as: Which is more important, the journey or the destination? What do you do when you don't know what to do? And how do you stay true to yourself? The student will develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading. The student will strengthen his mastery of the writing process and the six traits of writing as he composes personal, creative, and persuasive writing. In the second semester, the student will continue to explore central questions in each unit. As the student reads, analyzes, and interprets a variety of literature, he will ponder questions to questions such as: How do you keep from giving up when bad things happen? What's worth fighting for? What's not? And what is the American dream? The student will further develop his reading skills and expand his vocabulary while reading across the genres of nonfiction, fiction, poetry, and drama. The student will also self-select literature for independent reading and choose either The Giver by Lois Lowry or Ella Minnow Pea as his novel unit. The student will strengthen his mastery of the writing process and the six traits of writing as he composes creative, persuasive, and writing. Prerequisites: None

| Language Arts 8 (Hybrid) | In 8th Grade, students actively engage in vocabulary, classical literature, mechanics, and descriptive essay writing. They will use all of the previous skills learned in the exercises—narrative, expository, and argumentative—but must now apply those skills in a more creative and natural way than the previous stages. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.

| Language Arts DK | Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. Students explore rhyming words, story retelling, phonemic awareness, and reading high-frequency sight words. A variety of writing opportunities will be provided allowing students to explore with their peers and individually. Students will begin to print uppercase letters. Students will begin learning to identify beginning, middle, and final sounds in words and defining syllables. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. Prerequisites: None

| Language Arts DK (Hybrid) | Students explore Rhyming words, story retelling, phonemic awareness, and reading high-frequency sight words. Writing styles include informative, opinion, narrative, and expository. Students will begin to print uppercase letters. Students will learn to identify beginning, middle, and final sounds in words and defining syllables. Prerequisites: None

| Language Arts K | The Instructor's Guide includes Weekly Overviews to summarize lessons, skills, and activities for each week. Instructions (Prompts) to help you teach a particular skill and present specific information to your children and Rubrics to help you evaluate assignments and measure progress quickly and easily. Also includes assignments and activities to teach phonics, spelling, creative expression, and writing mechanics. Handwriting Without Tears: Letters & Numbers for Me-This program offers extremely basic exercises in figure-ground discrimination and top-bottom, left-right sequencing. When it comes to forming letters it begins with all capitals. Why? Because, unlike the lower-case letters p, q, b, and d, the capital letters are all very easy to distinguish so your children don't mix them up! Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.

| Language Arts K (Hybrid) | Students will begin to print uppercase letters. Students will learn to identify beginning, middle, and final sounds in words and defining syllables. Prerequisites: None

| Language Projects EL | In a multidisciplinary structure, students learn how to apply language skills to their writing. Competent writing begins with understanding correct sentence structure, expands to paragraphs, and results in the enjoyment and satisfaction of well-written essays, reports, and letters, blogs, etc. Prerequisites: None This course includes an optimal learning experience. Click here for more information on this class and our other courses offered with community vendors.

| Language Projects HS | In a multidisciplinary structure, students learn how to apply language skills to their writing. Competent writing begins with understanding correct sentence structure, expands to paragraphs, and results in the enjoyment and satisfaction of well-written essays, reports, and letters, blogs, etc. Using modern technology as a resource we teach students how to use their language skills well through the medium of blogging, website creation, Facebook, Twitter, and other social media. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.

| Language Projects MS | In a multidisciplinary structure, students learn how to apply language skills to their writing. Competent writing begins with understanding correct sentence structure, expands to paragraphs, and results in the enjoyment and satisfaction of well-written essays, reports, and letters, blogs, etc. Using modern technology as a resource we teach students how to use their language skills well through the mediums of blogging, website creation, Facebook, Twitter, and other social media. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.

| Latin I | Latin courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: None

| Latin I MS | Latin courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: None

| Latin II | Latin courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. Prerequisites: Latin I

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<tr>
<td>Latin II MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts. <em>Prerequisites: MS Latin I</em></td>
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<tr>
<td>Law and Order: Introduction to Legal Studies</td>
<td>Imagine if there were no laws and people could do anything they wanted. It's safe to say the world would be a pretty chaotic place! Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Laws are essential to preserving our way of life and must be established and upheld in everyone's best interest. In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.<em>Prerequisites: None</em></td>
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<tr>
<td>Leadership and Supervision in Business</td>
<td>This course examines the roles and responsibilities of supervisors in private, service, and public organizations. The student will gain an understanding of the expanded scope of supervisory responsibilities for business personnel ranging from first-time, first-line supervisors to top-level executives.<em>Prerequisites: None</em></td>
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<tr>
<td>Leadership EL</td>
<td>This introductory multidisciplinary leadership course prepares students to meet the challenges of leadership in today's complex global environment. Through course work and group interactions, younger students will learn the skills and best practices necessary to communicate and work with diverse groups of people. <em>Prerequisites: None</em> This course includes an optional leadership experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Leadership HS</td>
<td>This multidisciplinary course prepares students to meet the challenges of leadership in today's complex global environment. Through course work and group interactions, students will learn the skills and best practices necessary to communicate and work with diverse groups of people. Working toward common goals to implement beneficial societal changes in their community will be a key motivator for their leadership course.<em>Prerequisites: None</em> This course includes an optional leadership experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Learning in a Digital World: Strategies for Success</td>
<td>The digital world seems to change every day, and touch more of our lives. We use technology to communicate with friends and family, find never-ending entertainment options, follow our favorite sports teams and fashion trends, and do our school work. In Learning in a Digital World, you will get the tools to navigate this exciting and always changing world. Learn about real-world issues and how to solve real-world problems through interactive and hands-on assignments. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.<em>Prerequisites: None</em></td>
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<tr>
<td>Legal Environment of Business</td>
<td>Legal Environment of Business examines the role of the law on all aspects of business ownership and management. Throughout the course, students focus on legal ethics, court procedures, torts, contracts, consumer law, property law, employment law, environmental law, and international law. Students also explore the impact of laws, regulations, and judicial decisions on society at large. This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will prepare legal documents, create a compliance plan, and research consumer protection issues. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities of interest to them. Legal Environment of Business is a full-year intermediate or capstone Career and Technical Education course applicable to programs of study in the Business, Management, and Administration career cluster. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue certifications such as Accredited Legal Professional, Certified Administrative Manager, or Certified Associate in Project Management.<em>Prerequisites: None</em></td>
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<tr>
<td>Liberal Arts Math</td>
<td>Liberal Arts Math 1 will revisit key concepts from Algebra 1 and incorporate concepts from Geometry to prepare you for your mathematical future. The course is delivered through text, interactive, and videos.<em>Prerequisites: Algebra I</em></td>
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<tr>
<td>Life Science MS</td>
<td>This course introduces eighth grade students to an integrated approach to physical, environmental, and life sciences. Students will study science concepts and problem solving while exploring a wide variety of aspects of the living and non-living world of science around them. Students will investigate important topics in biology (cells), heredity, the biology of living organisms, and finally, an introduction to meteorology. Students will be given the chance to identify cells and cell compounds, and describe the cell in its environment. Students will examine different types of meteorological processes that occur on Earth. The remainder of Science 8 Part 2 is comprised of topics involving geology, astronomy, and physics. Learners will examine different types of geological processes throughout Earth's history. Students will analyze the formation and composition of various planets and celestial bodies. Finally, students will examine categories of motion, forces, and energy.<em>Prerequisites: None</em></td>
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<tr>
<td>Life Skills EL</td>
<td>This multidisciplinary course will explore Social/Life skills including basic manners and skills for social situations focused particularly on those kids who have difficulty in these areas. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life. Activities that lead to a more productive life like cooking, cleaning, grooming will be explored as needed. Students will be taught mnemonic devices to help them remember appropriate skills in key social situations. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Life Skills HS</td>
<td>This multidisciplinary course will explore Social/Life skills including basic manners and skills for social situations focused particularly on those kids who have difficulty in these areas. Basic manners, sharing, communication skills, conversation skills, employment skills, listening to others, managing anger, and other skills necessary in relating to others in daily life. Activities that lead to a more productive life like cooking, cleaning, grooming will be explored as needed. Students will be taught mnemonic devices to help them remember appropriate skills in key social situations. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Life Skills: Navigating Adulthood</td>
<td>What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but with the right tools, they don't have to be. This course will encourage you to learn more about yourself and help you to prepare for the future. You will explore goal setting, decision making, and surviving college and career. You will also discover how to become a valuable contributing member of society. Now is the time to take action. It's your life, make it count!<em>Prerequisites: None</em></td>
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<tr>
<td>Literature Projects EL</td>
<td>This multidisciplinary course aims to introduce students to literary terms, evaluation, and discussion while reading a variety of enjoyable books. The goal of the reading list is for students to be challenged in how they process what they read and will also analyze literary styles, genres, and characters. Students will participate in discussions both in person and in the online environment in order to challenge each other to defend or support a position, collaborate with their peers, explore, create and wonder.<em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Literature Projects HS</td>
<td>This multidisciplinary class aims to introduce students to literary terms, evaluation, and discussion while reading a variety of enjoyable books. The goal of the reading list is for students to be challenged in how they process what they read and will also analyze literary styles, genres, and characters. We will use digital tools to find, organize, analyze, synthesize, and evaluate information. Students will participate in discussions both in person and in the online environment in order to challenge each other to defend or support a position, collaborate with their peers, explore, create and wonder. These skills are necessary for college readiness. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Literature Projects MS</td>
<td>This multidisciplinary class aims to introduce students to literary terms, evaluation, and discussion while reading a variety of enjoyable books. The goal of the reading list is for students to be challenged in how they process what they read and will also analyze literary styles, genres, and characters. We will use digital tools to find, organize, analyze, synthesize, and evaluate information. Students will participate in discussions both in person and in the online environment in order to challenge each other to defend or support a position, collaborate with their peers, explore, create and wonder. These skills are necessary for college readiness. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Living Music I</td>
<td>This series of courses teaches students fundamental musicianship from a Western classical approach while aligning to national music education standards. Students use classic repertoire to analyze compositional style and are challenged to improve their rhythm, listening, notation, analysis, performance, and improvisation skills using digital tools. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 9th. * Prerequisites: None</td>
</tr>
<tr>
<td>Living Music II</td>
<td>This series of courses teaches students fundamental musicianship from a Western classical approach while aligning to national music education standards. Students use classic repertoire to analyze compositional style and are challenged to improve their rhythm, listening, notation, analysis, performance, and improvisation skills using digital tools. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 9th. * Prerequisites: None</td>
</tr>
<tr>
<td>Logic Projects EL</td>
<td>In this introductory logic class, through a multidisciplinary approach, students will explore the art of logic in ways that all students can understand. Students will examine common errors in reasoning as well as propaganda techniques. Students will also complete exercises in logic using deductive thinking skills. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Logic Projects HS</td>
<td>In this introductory logic class, through a multidisciplinary approach, students will explore the art of logic in ways that all students can understand. Students will examine common errors in reasoning as well as propaganda techniques. Students will also complete exercises in logic using deductive thinking skills. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Logic Projects MS</td>
<td>In this introductory logic class, through a multidisciplinary approach, students will explore the art of logic in ways that all students can understand. Students will examine common errors in reasoning as well as propaganda techniques. Students will also complete exercises in logic using deductive thinking skills. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Lower EL Chemistry (Hybrid)</td>
<td>Lower EL Chemistry is a grade appropriate thirty-six-week study of matter, the periodic table, physical and chemical changes, solutions, acids, and bases, plus a bit of organic chemistry. It includes weekly scientific demonstrations, reading assignments, notebook assignments, additional activities, memory work, and more! * Prerequisites: None * This course includes an optional learning experience.</td>
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<tr>
<td>Lower EL Earth Science (Hybrid)</td>
<td>Lower EL Earth Science is a grade appropriate thirty-six-week study of the planet Earth, weather, rocks and fossils, our solar system, and stars using visually appealing encyclopedias. It includes weekly scientific demonstrations, reading assignments, notebook assignments, additional activities, memory work, and more! * Prerequisites: None</td>
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<tr>
<td>Lower EL Social Studies Ancient Times</td>
<td>Lower EL Social Studies Ancient Times covers Egypt, Hammurabi and the Babylonians, Ancient China, Ancient Africa, the Exodus, The Greeks, Rome, and more in a grade appropriate manner. Illustrated throughout with black-and-white drawings and maps, it also includes a pronunciation guide and chronology. (History doesn’t happen in a vacuum; it happens in real places, so we put lots and lots of maps in our history books.) * Prerequisites: None * This course includes an optional learning experience.</td>
</tr>
<tr>
<td>Lower EL Social Studies Modern Age</td>
<td>Lower EL Social Studies Modern Age introduces your child to the marvelous story of world civilizations with the final volume of this best-selling history series. Where was the Crystal Palace? Who was the Sick Man of Europe? And how did cow fat start a revolution? Illustrated throughout with black-and-white drawings and maps, it also includes a pronunciation guide and chronology. (History doesn’t happen in a vacuum; it happens in real places, so we put lots and lots of maps in our history books.) * Prerequisites: None * This course includes an optional learning experience.</td>
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<tr>
<td>Lower MS Chemistry (Hybrid)</td>
<td>Lower MS Chemistry leads the middle school student through a study of the key facts of chemistry by digging deeper into what was studied during the elementary years. Lower Middle School Chemistry includes all student assignment sheets, sketches, experiment sheets and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. * Prerequisites: None</td>
</tr>
<tr>
<td>Lower MS Earth Science (Hybrid)</td>
<td>Lower MS Earth Science &amp; Astronomy for the Logic Stage leads the middle school student through a study of the key facts of earth science and astronomy by digging deeper into what was studied during the elementary years. Lower MS Earth Science includes all student assignment sheets, sketches, experiment sheets, and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. * Prerequisites: None</td>
</tr>
<tr>
<td>Lower MS Social Studies Ancient Times</td>
<td>Lower MS Social Studies Ancient Times, is a full one-year history, geography, and literature program that covers the ancient past. Reading lists, activities, and map exercises give a more complete picture of life in Ancient Times. Don’t just read about history — experience it! * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Lower MS Social Studies Modern Age</td>
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<tr>
<td>Manufacturing: Product Design &amp; Innovation</td>
<td>Think about the last time you visited your favorite store. Now picture the infinite number of products you saw. Have you ever wondered how those things made it to the shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In Introduction to Manufacturing: Product Design and Innovation, you will learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! If you thought manufacturing meant mundane assembly lines, this course will show you how exciting, creative, and practical this industry can be. * Prerequisites: None</td>
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<td>Marine Science: Secrets of the Blue</td>
<td>Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science you will begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist.</td>
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<tr>
<td>Marketing Literacy EL</td>
<td>In this class, we will explore the principles of the economy, how the market works, and its impact on our everyday life. We will delve into investing and entrepreneurship. How can we make our money work for us? We will explore production, consumption, and the transfer of wealth via designing a business plan and marketing it to create wealth. We will also explore the psychology of financial decision making, buyer's remorse and purchase anxiety, as well as the historical and geographical aspects of poverty and the multiplier effects. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Marketing Literacy HS</td>
<td>In this class, we will explore the principles of the economy, how the market works, and its impact on our everyday life. We will delve into investing and entrepreneurship. How can we make our money work for us? We will explore production, consumption, and the transfer of wealth via designing a business plan and marketing it to create wealth. We will also explore the psychology of financial decision making, buyer's remorse and purchase anxiety, as well as the historical and geographical aspects of poverty and the multiplier effects. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Marketing Literacy MS</td>
<td>In this class, we will explore the principles of the economy, how the market works, and its impact on our everyday life. We will delve into investing and entrepreneurship. How can we make our money work for us? We will explore production, consumption, and the transfer of wealth via designing a business plan and marketing it to create wealth. We will also explore the psychology of financial decision making, buyer's remorse and purchase anxiety, as well as the historical and geographical aspects of poverty and the multiplier effects. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Marketing Foundations Ia:</td>
<td><strong>Introduction</strong> Introduce your students to the fast-paced and exciting world of marketing! Students will learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Furthermore, students will examine how to identify target markets, perform market research, and develop successful marketing strategies. Finally, the legal and ethical considerations of business and marketing are discussed along with the impact of government on business. * Prerequisites: None</td>
</tr>
<tr>
<td>Marketing Foundations Ib: 1</td>
<td><strong>Building Your Base</strong> Building on the prior, prerequisite course, you will dive deeper into the marketing world with real world applications and practices. Engage with the marketing mix by studying understanding branding, advertising, promotion strategies, and more. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field! * Prerequisites: Marketing Ia: Introduction</td>
</tr>
<tr>
<td>Marketing Foundations Ib: 2</td>
<td><strong>Global Business &amp; Trade</strong> Can you think of a brand that first launched in the U.S. and then became popular in other countries? Facebook™ did this very thing! Without a solid understanding of business and international marketing strategy, it becomes nearly impossible to be successful and stand out from the crowd. In this class, you’ll find out how business and marketing works around the world! You’ll learn about topics such as regulations, market research, marketing plans, global trends, buying and selling internationally, and more! * Prerequisites: Marketing Ia: Introduction</td>
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<tr>
<td>Marketing Ib: Developing a Sales Team</td>
<td><strong>How does a business make money?</strong> If you said sales, then you’re right! This course explores the secrets to sales. You’ll learn expectations, best practices, sales planning, building a clientele that becomes long-term buyers, and how to stay motivated to sell, sell, sell! If sales management is your goal, you’ll learn about management styles, how to find, hire, train, motivate, and compensate your team. * Prerequisites: Marketing Ib: Introduction</td>
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<tr>
<td>Math 1</td>
<td>This course covers extending sequences and continues place value studies from kindergarten. Students learn to compare numbers and begin mental math concepts. Addition and subtraction continue using multiple digits, regrouping, and estimating. Multidimensional shapes are added along with measurement. Students learn to tell time and are introduced to tables and charts. * Prerequisites: None</td>
</tr>
<tr>
<td>Math 1 (Hybrid) Math-U-See</td>
<td><strong>Introduction</strong> Alpha focuses on teaching the concepts of single digit addition and subtraction. Uses systematic teaching strategies to help students commit the addition and subtraction facts to memory. Major Concepts and Skills Include: Understanding place value; Extending the counting sequence; Fluently adding single-digit numbers; Solving for an unknown addend; Understanding the relationship between addition and subtraction; Fluently subtracting all single-digit numbers; Additional concepts and skills: Telling and writing time by hours and minutes; Recognizing &amp; drawing rectangles, squares, and circles; Measuring length by repeating units; Introducing halves and fourths; Counting by 2s, 5s, 10s, and 100s; Reading, writing &amp; interpreting word problems. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Math 1 (Hybrid) RightStart</td>
<td>First grade lessons focus on a complete understanding of place value, addition facts to 18, subtraction facts, addition to the thousands, and problem solving. Beginning skip counting is introduced, geometry, measurements, basic fractions, time and money are also addressed. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Math 1 (Hybrid) Saxon</td>
<td>First-graders will skip count by 1's, 2's, 5's, and 10's; compare and order numbers; identify ordinal position to tenth; identify a sorting rule; identify and extend patterns; solve routine and nonroutine problems; master all basic addition facts and most of the basic subtraction facts; add two-digit numbers without regrouping; picture and name fractions; measure using inches, feet, and centimeters; compare volume, mass, and area; tell time to the half hour; count pennies, nickels, dimes, and quarters; identify and draw polygons; identify geometric solids; tally; and create, read, and write observations from real graphs, pictographs, and bar graphs. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Math 1 (Hybrid) Singapore</td>
<td>The Singapore 1 Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A &amp; B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Math 2</td>
<td>This course covers more advanced word problems and multiplication is taught. Students continue to work on time, measurement, fractions and begin learning about money and its mathematical applications. The skills taught in 1st grade continue and properties of mathematical operations are added. * Prerequisites: None</td>
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<tr>
<td>Math 2 (Hybrid) Math-U-See</td>
<td><strong>Introduction</strong> Math-U-See: Beta builds on the foundation in Alpha by applying students’ mastery of single-digit addition and subtraction to multiple-digit addition and subtraction. One of the stepping stones between these two levels is the concept of place value, which is an important milestone for truly grasping any multiple-digit operation. Major Concepts and Skills Include: Understanding place value and using it to add or subtract, Fluently adding any combination of whole numbers, Solving for an unknown addend, Fluently subtracting any combination of whole numbers, Solving abstract and real-world problems involving addition and subtraction, Additional concepts and skills: Telling and writing time by hours and minutes, Understanding, adding, and subtracting U.S. currency, Measuring and estimating length with inches, feet, centimeters, and meters, Comparing numbers and lengths, Expressing differences between numbers as inequalities, Finding the perimeter of any polygon, and Representing and interpreting data in plots and graphs. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Math 2 RightStart</td>
<td>Second grade lessons focus on a complete understanding of place value, addition facts to 18, subtraction facts, addition to the thousands, and problem solving. Beginning skip counting is introduced, geometry, measurements, basic fractions, time and money are also addressed. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Math - (Hybrid)</td>
<td>Second-grade learners will skip count by 1's, 2's, 3's, 4's, 5's, 10's, 25's, and 100's; compare and order numbers; identify ordinal position to tenth; identify sorting and patterning rules; solve routine and nonroutine problems; master all basic addition and subtraction facts; master multiplication facts to 5; add and subtract two-digit numbers; picture and name fractions; measure the nearest centimeter, foot, and half inch; compare volume; compare and measure mass; measure perimeter and area; tell time to five-minute intervals; count pennies, nickels, dimes, and quarters; identify geometric solids; identify lines of symmetry; identify angles; tally; and create, read, and write observations from real graphs, pictographs, bar graphs, Venn diagrams, and line graphs. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Math 2 Saxon (Hybrid)</td>
<td>Second-grade learners will skip count by 1's, 2's, 3's, 4's, 5's, 10's, 25's, and 100's; compare and order numbers; identify ordinal position to tenth; identify sorting and patterning rules; solve routine and nonroutine problems; master all basic addition and subtraction facts; master multiplication facts to 5; add and subtract two-digit numbers; picture and name fractions; measure the nearest centimeter, foot, and half inch; compare volume; compare and measure mass; measure perimeter and area; tell time to five-minute intervals; count pennies, nickels, dimes, and quarters; identify geometric solids; identify lines of symmetry; identify angles; tally; and create, read, and write observations from real graphs, pictographs, bar graphs, Venn diagrams, and line graphs. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Math 2 Singapore (Hybrid)</td>
<td>The Singapore Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A &amp; B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Math 3</td>
<td>This course covers core mathematics concepts, including place value, rounding, estimation, word problems with addition and subtraction, the properties of multiplication, probability, measurement, shapes, patterns, decimals, and comparing fractions. These topics include skills that are necessary to build a foundation in geometry, algebra, trigonometry, and real-world problem solving. Semester 2 covers core mathematics concepts, including place value, rounding, estimation, word problems with addition and subtraction, the properties of multiplication, probability, measurement, shapes, patterns, decimals, and comparing fractions. These topics include skills that are necessary to build a foundation in geometry, algebra, trigonometry, and real-world problem solving. <em>Prerequisites: None</em></td>
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<tr>
<td>Math 3 Math-U-See (Hybrid)</td>
<td>Math-U-See: Once students have mastered the concepts of addition and subtraction (covered in Alpha and Beta), they are ready for multiplication. Gamma teaches single-digit facts and multiple-digit multiplication skills. Major Concepts and Skills Include: Using strategies based on place value and properties of operations to multiply, fluently multiplying any combination of whole numbers, Solving for an unknown factor, Solving abstract and real-world problems involving addition, subtraction, and multiplication, Measuring and computing area, Relating concepts of area to addition and multiplication, Additional Concepts and Skills: Skip counting as a precursor to multiplication, Adding and subtracting in hours and minutes, Multiplying, adding, and subtracting U.S. currency and standard units of measure, Representing, recording, and interpreting data, Understanding of basic fractions, and estimating and solving measurement problems. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Math 3 RightStart (Hybrid)</td>
<td>Grade 3 Lessons work on the meaning and properties of multiplication and division, along with the basic facts. Other topics include numbers to millions, area and measurement in both the metric and U.S. customary systems, fractions, and graphing. The children continue work in geometry using drawing tools. Review lessons are included for a child beginning with the RightStart™ program. Problem solving with all four operations is emphasized. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Math 3 Saxon (Hybrid)</td>
<td>Third-graders will use simulations and games to learn and practice new concepts. Social studies and science connections are stressed. Children will skip count by whole numbers; compare and order numbers; identify place value; identify ordinal position to twentieth; identify and complete patterns; solve routine and nonroutine problems; master all basic addition, subtraction, multiplication, and division facts; add and subtract multi-digit numbers; multiply a multidigit number by a single-digit number; divide by single-digit divisors; add positive and negative numbers; picture, name, and order fractions; add and subtract fractions with common denominators; measure to the nearest quarter inch, millimeter, foot, and yard; identify volume of standard containers; compare and measure mass; measure perimeter and area; tell time to the minute; determine elapsed time; count money; make change for a dollar; identify angles; identify lines of symmetry; identify function rules; graph ordered pairs on a coordinate graph; tally; and create, read, and write observations from real graphs, pictographs, bar graphs, Venn diagrams, and line graphs. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Math 3 Singapore (Hybrid)</td>
<td>The Singapore Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A &amp; B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Math 4</td>
<td>This course expands on many third grade core mathematics concepts as well as introducing new concepts. These concepts include place value, reading and writing whole numbers, comparing numbers, ordering numbers, word problems with addition, subtraction, multiplication and division, rounding and estimating, counting and making change with money, factors and multiples, telling time and calculating elapsed time, measurement, 2-D and 3-D shapes, various graphs and diagrams, probability, adding, subtracting, multiplying, converting, and ordering fractions and decimals, completing function tables, and solving inequalities. They will also recognize, reproduce, extend, create and describe patterns. These topics include skills that are necessary to build a foundation in geometry, algebra, trigonometry, statistics, calculus, and real world problem solving. <em>Prerequisites: None</em></td>
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<td>Math 4 Math-U-See (Hybrid)</td>
<td>Math-U-See: Division is presented as the inverse of multiplication. Single-digit division facts are learned and the concepts of division and place value are applied when solving long division problems. Major Concepts and Skills Include: Using strategies based on place value and properties of operations to divide, Understanding division as solving for an unknown factor, Fluently dividing any combination of whole numbers, Solving abstract and real-world problems involving all four operations, Interpreting remainders in short and long division, Understanding fraction notation in light of division, Additional Concepts and Skills: Reading and writing Roman numerals, Dividing, multiplying, adding, and subtracting U.S. currency and standard units of measure, Understanding angle measure and geometric shapes including points, segments, rays, and lines, Classifying shapes based on defining attributes, and Understanding and computing area and volume. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Math 4 RightStart (Hybrid)</td>
<td>Grade 4 Lessons work with multiplication of multi-digit numbers by two-digits, division of multi-digits by a single digit, and equivalent and mixed number fractions. It also works with prime numbers, factors, decimals to the hundredths, and percents. Algebraic concepts are introduced and problem solving is emphasized throughout. In geometry they study classification of triangles and polygons, symmetry, reflections, angle measurement, and work with 3-dimensional figures. Measurement, elapsed time, distance, money and capacity problems are explored. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
</tr>
<tr>
<td>Math 4 Saxon (Hybrid)</td>
<td>Saxon mathematics is based on the principle of developing math skills incrementally and reviewing past skills daily. It also incorporates regular and cumulative assessments. ach of the 120 daily lessons includes warm-up activities, teaching of the new concept, and practice of new and previous material. Saxon 5/4 includes place value, regrouping, adding, subtracting, multiplication, division, fractions, factors, etc. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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</tbody>
</table>
Math 4 Singapore (Hybrid)

The Singapore 4 Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 5

This course will help students learn mathematical building blocks that will be used throughout their upcoming math courses. Students enrolled in this course will learn about place value, addition and subtraction of whole numbers and decimals, and multiplication of whole numbers and decimals. Other topics include multiplication of variables and expressions, division number sense, division of whole numbers and decimals, divisibility, and prime and composite numbers. Students will also learn metric and customary units. As the students progress through the course, they will also learn some algebra concepts and will study graphing and probability.* Prerequisites: None

Math 5 Math-U-See (Hybrid)

Now that students have learned basic operations with whole numbers, Epsilon covers these same operations with fractions. Fractions are presented in an intuitive way with visual explanations of equivalent fractions, common denominators, and fractions and numbers larger than 1. Fractions and operations are illustrated using our proprietary Fraction Overlay manipulatives. Major Concepts and Skills Include: Recognizing and generating equivalent fractions. Understanding addition, subtraction, multiplication, and division of fractions and mixed numbers, and Fluently adding, subtracting, multiplying, and dividing fractions and mixed numbers.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 5 RightStart Math - (Hybrid)

Grade 5 works with addition, subtraction, multiplication and division of fractions and mixed fractions, with both like and unlike denominators. It also works with square and cubic numbers, along with exponents, percentages and decimals. Short and long division are covered including working with remainders. Area and volume of geometric figures are addressed, along with converting units of measurement. Probability and coordinate systems are also introduced.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 5 Saxon (Hybrid)

Saxon Math 6/5 covers the following: Numbers and Operations, Dividing w decimals, fractions and mixed numbers and mental division. Powers, Square roots, Ratios and proportions, Estimation, Number Theory, Measurement, temperature and time, Geometry, Graphing, Probability and more.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 5 Singapore (Hybrid)

The Singapore 5 Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 6

This course will build a solid foundation in mathematics by exploring topics such as decimals, fractions, expressions, equations, graphing, measurement, and statistics. This course will introduce students to ratios, percents, and geometry and will also teach students how to collect and interpret data and display their findings through graphs. Students will learn to recognize patterns and how to work with variables. Prime numbers, factoring, and divisibility rules will be covered as well, and students will work with adding, subtracting, multiplying, and dividing fractions. This course also includes discussions of ratios and solving proportions. Geometry concepts such as triangles, angles, perimeter, and area will also be covered. As the course progresses, students will learn about circles, 3-D figures, and finding surface area and volume of different prisms. Finally, students will explore graphing and how integers are used in real-world situations.* Prerequisites: Math 5

Math 6 Math-U-See (Hybrid)

Zeta extends the student's concepts of place value to the right of the decimal point. Students learn to complete core operations with decimals. The connection between fractions and decimals is presented. Major Concepts and Skills Include: Expanding understanding of place value from positive powers of ten to include decimals, Fluently adding, subtracting, multiplying, and dividing multiple-digit decimals using place value strategies. Solving real-world problems with decimals and percentages, Understanding the metric system and converting from one unit of measure to another. Additional Concepts and Skills Include: Understanding and simplifying, Understanding negative numbers and representing them on the coordinate plane, Using properties of operations to simplify and evaluate algebraic expressions, Interpreting and graphing relationships between dependent and independent variables, Understanding of plane geometry & geometric symbols, and Using ratio reasoning to solve problems.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 6 RightStart Math - (Hybrid)

Grade 6 uses hands-on and visually using a geometric approach. With a drawing board, T-square, triangles, compass, and goniometer, the student explores fractions, area, ratios, angles, Pythagorean theorem, and square roots. Circles, pi, arcs, along with reflections, rotations, and symmetry are taught all the while practicing arithmetic, fractions, and decimals. Some algebraic concepts are introduced. The history of mathematics is woven throughout the lessons.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 6 Saxon (Hybrid)

Math 7/6 is made up of five instructional components: Facts Practice, Mental Math, and Problem Solving; Daily Lessons; Daily Practice; Daily Problem Sets; and Cumulative Tests. Investigations, which are activity-based variations of the Daily Lessons, are distributed throughout the text. Math 7/6 reinforces the basic mathematical concepts and skills that students learned in Math 5/4 and Math 6/5. Concepts, procedures, and vocabulary students will need to be successful in upper-level algebra and geometry courses are introduced and continually practiced. Daily mental math and problem-solving exercises enhance students' repertoire of skills and increase their mathematical power. The textbook contains no answers, but an answer key is provided for all homework problems. In Math 7/6, students will learn: to simplify expressions containing parentheses, to add, subtract, multiply, and divide signed numbers, to work with exponents, square roots, geometric formulas, ratios, percents, fractions, mixed numbers, and decimals.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 6 Singapore (Hybrid)

The Singapore 6 Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A & B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Math 7

Students will work with decimals, equations, exponents, factors, fractions, integers, inequalities, proportions, rates, and ratios. In addition, students will add, subtract, multiply, and divide fractions. They will learn to solve one and two-step algebraic equations, and will use proportions to solve real-world problems. Students can utilize videos, games, and practice problems to help emphasize key concepts, building a solid foundation in mathematics by exploring topics that include geometric concepts and graphing. The geometry discussion will include lines, rays, segments, angles, triangles, quadrilaterals, circles, irregular figures, prisms, and cylinders. During the graphing component of the course, students will work with functions and patterns and will graph linear equations.* Prerequisites: Math 6

Math 7 Math-U-See (PreAlgebra) (Hybrid)

Students develop skills in fluently adding, subtracting, multiplying, and dividing positive and negative numbers, Understanding and simplifying exponents, Using properties of operations, order of operations, and absolute value, Expanding understanding of place value, Evaluating radicals, and Identifying the least common multiple and greatest common factor.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.
<table>
<thead>
<tr>
<th>Course Name</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>Math 7 RightStart Math (Hybrid)</td>
<td>Grade 7 uses hands-on and visually using a geometric approach. Using a drawing board, T-square, triangles, compass, and goniometer, the student continues to work with fractions and decimals while investigating volume, tessellations, fractals, ratios, angles, and other geometry concepts. Trigonometry is introduced along with platonic solids, 3-dimensional figures, surface area, patterning, and plane symmetry. Connections between various aspects and branches of mathematics are explored. Pre-algebraic concepts are included. The history of mathematics is woven throughout the lessons. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Math 7 Saxon (Hybrid)</td>
<td>Introduction of the New Increment, Examples with Complete Solutions, Practice of the Increment, Daily Problem Set, and Cumulative Tests. Algebra 1/2 covers all topics normally taught in algebra, as well as additional topics from geometry and discrete mathematics. It is recommended for seventh-graders who plan to take first-year algebra in the eighth grade, or for eighth-graders who plan to take first-year algebra in the ninth grade. Algebra 1/2 represents the culmination of the study of pre-algebra mathematics. In Algebra 1/2, students will learn: fractions and their arithmetic operations, decimals and their arithmetic operations, mixed numbers and their arithmetic operations, signed numbers and their arithmetic operations, translating from words to algebraic expressions, order of operations, percents, proportions, ratios, divisibility, rounding, place value, unit conversions, scientific notation, data representation, evaluation of algebraic expressions, the simplification of algebraic expressions, the solution of linear equations in one unknown, word problems involving pre-algebraic concepts, perimeter, area, surface area, Volume, classification of geometric figures and solids, geometric constructions, and symmetry. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Math 8 (Hybrid)</td>
<td>Math 8 is designed to provide practice in the fundamentals of solving problems arithmetically, graphically and algebraically. Basic concepts in algebra are reviewed early and practiced throughout the year. Students will reinforce arithmetic operations of real numbers through a variety of instructional techniques. Topics include fractions, number manipulation, integers, algebra expressions and equations, graphs, and basic geometry and statistics. Prerequisites: Math 7</td>
</tr>
<tr>
<td>Math 8 Math-U-See (PreAlgebra) (Hybrid)</td>
<td>Before starting Algebra 1 students should have a thorough grasp of the four basic operations (+, -, x, ÷), along with a mastery of fractions, decimals, and percents and Pre-Algebra. Major Concepts and Skills Include: Commutative &amp; Associative Properties, Order of Operations, Solving for an unknown with One Variable, Cartesian Coordinates, Slope-Intercept Formula, Graphing Parallel Lines and the Equations of a Line, Finding the Slope-Intercept Formula with Different Givens, And more! Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Math 8 Saxon (Algebra1/2) - (Hybrid)</td>
<td>Algebra I includes such topics as: arithmetic and evaluation of expressions involving signed numbers, exponents, and roots; properties of real numbers, absolute value, equations and inequalities involving absolute value, scientific notation, unit conversions, solution of equations in one unknown, solution of simultaneous equations the algebra of polynomials and rational expressions, word problems requiring algebra for the solution (such as uniform motion and coin problems), graphical solution of simultaneous equations, graphs of a variety of functions: linear, quadratic, cubic, square root, absolute value, etc., translations and reflections of graphs, factoring, Pythagorean theorem, algebraic proofs, functional notation and functions, solution of quadratic equations by factoring, completing the square, and quadratic formula, direct and inverse variation, exponential growth, computation of the perimeter and area of two-dimensional regions, computation of the surface area and volume of a wide variety of geometric solids, statistics, and probability. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Math 8 Singapore (Hybrid)</td>
<td>Students cover introductory Algebra and Geometry. The Singapore 7 Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. Each Grade requires 2 Textbooks and 2 Workbooks (A &amp; B). Textbook and Workbook A are for the first part of the year and Textbook and Workbook B are for the second part of the year. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Math DK</td>
<td>Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional kindergarten. This course explores concepts of numeracy and counting. Students will begin to explore shapes, colors, number order, comparing numbers, values, money and time. Operations of addition and subtraction will be introduced. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. Prerequisites: None</td>
</tr>
<tr>
<td>Math DK (Hybrid)</td>
<td>Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional kindergarten. This course explores concepts of numeracy and counting. Students will begin to explore shapes, colors, number order, comparing numbers, values, money and time. Operations of addition and subtraction will be introduced. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. Prerequisites: None</td>
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<tr>
<td>Math K</td>
<td>This course covers counting to 100 and comparing numbers. Students learn to identify place values, classifying numbers, money and time. Addition and subtraction are taught using word problems and shapes are taught utilizing identifying traits and descriptions. Prerequisites: None</td>
</tr>
<tr>
<td>Math K Math-U-See - (Hybrid)</td>
<td>Math-U-See: Primer Level: In the Primer level your child will learn not only how to write numerals but also addition and subtraction, basic counting, skip counting, geometric shapes, telling time, and they will be introduced to the manipulative block system. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Math K RightStart Math (Hybrid)</td>
<td>Kindergarten math lessons focus on understand quantities based around 5s and 10s. Lessons include place value to the hundreds, addition facts to 10, basic subtraction, problem solving, money values, basic geometry, time, measurement, and basic fractions. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Math K Saxon (Hybrid)</td>
<td>Students develop skills and count by 1’s, 5’s, and 10’s. Act out problems, Find answers for addition &amp; subtraction stories using manipulatives. Compare and order numbers, Identify common shapes, And more! There are two parts to the math program: The Meeting and The Lesson. Each week there are 3 lessons and on the other 2 days of the week you will repeat The Meeting from the day before (where review is emphasized by practicing the skills and concepts already introduced). Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Math K Singapore (Hybrid)</td>
<td>The Singapore K Primary Math program uses the Concrete/Pictorial/Abstract approach to learning. The Kindergarten program includes Textbook A and B as well as Pattern Blocks and Pattern Block Cards. There are no required workbooks for this grade. Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Mathematical Models</td>
<td>Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment-loan models. Prior mathematical knowledge is expanded and new knowledge and techniques are developed through real-world application of useful mathematical concepts. Prerequisites: Algebra I</td>
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<td>Course Name</td>
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<td>Media Literacy</td>
<td>Media Literacy teaches students how to build the critical thinking, writing, and reading skills required in a media-rich and increasingly techno-centric world. In a world saturated with media messages, digital environments, and social networking, concepts of literacy must expand to include all forms of media. Today’s students need to be able to read, comprehend, analyze, and respond to non-traditional media with the same skill level they engage with traditional print sources. A major topic in Media Literacy is non-traditional media reading skills, including how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Students also engage in a variety of writing activities in non-traditional media genres, such as blogging and podcast scripting. Students consider their own positions as consumers of media and explore ways to use non-traditional media to become more active and thoughtful citizens. Students learn how to ask critical questions about the intended audience and underlying purpose of media messages, and study factors which can contribute to bias and affect credibility. This course is built to state standards and informed by the National Association for Media Literacy Education's Core Principles of Media Literacy Education. * Prerequisites: None</td>
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<tr>
<td>Medical Law and Ethics</td>
<td>Students gain an understanding of the legal and ethical issues that can impact professional roles in health care settings. Laws that regulate the health care industry, such as HIPAA, the Patient Bill of Rights, and standards of care, are introduced. Students are encouraged to consider the impact of personal ethics and morals on decision making.* Prerequisites: None</td>
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<tr>
<td>Medical Terminology</td>
<td>Acclius Medical Terminology provides general study skills and a firm foundation for students preparing for postsecondary education to pursue a career in the medical field. Anatomical instruction is coupled with the investigation of key related terminology not only dealing with “what” but also “why” and “how” allowing students apply the information. Specifically, students explore the structures, functions, and terms related to disease and the body systems, including the skeletal, muscular, cardiovascular, lymphatic, respiratory, digestive, nervous, integumentary, endocrine, and reproductive systems. Students learn about specific health care professions and the unique role each plays. Through the study of this material, students learn effective deciphering skills enabling them to decode medical terminology they have seen and terminology to which they are yet to be exposed. Medical Terminology is A-G Approved through the University of California. * Prerequisites: None</td>
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<tr>
<td>Michigan Cultures EL</td>
<td>In this multidisciplinary course, students will be learning through technology, the geography of Michigan including the Great Lakes. They will learn the causes and participants of the Indian War, major and minor Indian tribes, Michigan's inventions, statehood, famous people, industry, and explore the various cultures that created the great state of Michigan. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Michigan Cultures HS</td>
<td>In this multidisciplinary course, students will be learning through technology, the geography of Michigan including the Great Lakes, major waterways and trade routes. They will learn the causes and participants of the French &amp; Indian War, the Indian Uprising, and the War of 1812. Major and minor Indian tribes, Marquette &amp; Jollet, the Great Fire of 1818, Michigan's Underground Railroad, Edison's life and inventions, statehood, and mining in the U.P. will also be included in this class.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Michigan Cultures MS</td>
<td>In this multidisciplinary course, students will be learning through technology, the geography of Michigan including the Great Lakes, major waterways and trade routes. They will learn the causes and participants of the French &amp; Indian War, the Indian Uprising, and the War of 1812. Major and minor Indian tribes, Marquette &amp; Jollet, the Great Fire of 1818, Michigan's Underground Railroad, Edison's life and inventions, statehood, and mining in the U.P. will also be included in this class.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Michigan History 3</td>
<td>This course offers an introduction to Michigan state history. The student will trace the history of the state from its earliest inhabitants to the present. The course focuses on the state's geography, history, economy, culture, and government. Students will be introduced to skills such as recognizing change and continuity over time, comparing and contrasting, synthesizing information from multiple sources, and identifying cause and effect. Portfolio assessments will incorporate each unit theme, requiring application of new skills learned.* Prerequisites: None</td>
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<tr>
<td>Modern Alchemy Applied EL</td>
<td>This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents. Students will journey through the study surrounding a chosen pathway of interest.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Modern Alchemy Applied HS</td>
<td>This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents. Students will journey through the study surrounding a chosen pathway of interest.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Modern Alchemy Applied MS</td>
<td>This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents. Students will journey through the study surrounding a chosen pathway of interest.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Modern Alchemy EL</td>
<td>This multidisciplinary course for younger students explore the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Modern Alchemy HS</td>
<td>This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Modern Alchemy MS</td>
<td>This multidisciplinary course explores the world of metals and elements through the lens of alchemy including an historical, technological, mythological and philosophical and spiritual views. Alchemy covers several philosophical traditions covering nearly four millennia and across three continents.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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**Course Name** | **Course Description**
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**Money Management**
**EL** | Money Management is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing." Prerequisites: None* This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

**Money Management**
**HS** | Money Management is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions." Prerequisites: None* This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

**Money Management**
**MS** | Money Management is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions." Prerequisites: None* This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

**Multicultural Studies** | Multicultural Studies is a one-semester elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences.Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures.In online Discussions and Polls, students reflect critically on their own experiences as well as those of others. Interactive multimedia activities include personal and historical accounts to which students can respond using methods of inquiry from history, sociology, and psychology. Written assignments and Journals provide opportunities for students to practice and develop skills for thinking and communicating about race, culture, ethnicity, and identity. This course is built to state standards and informed by the National Council for the Social Studies (NCSS) Expectations of Excellence: Curriculum Standards for Social Studies as well as the National Standards for History published by the National Center for History in Schools (NCHS).* Prerequisites: None

**Multimedia EL** | This class will allow students to combine mediums in four major units. Students will strengthen their design skills and learn about layering techniques. The major units may include, Pastels and Charcoal, Computer Images and Colored Pencils or Markers, Collage, Watercolor Painting and found objects.* Prerequisites: None* This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

**Multimedia HS** | This class multidisciplinary art/tech class will allow students to combine mediums in four major units. Students will strengthen their design skills and learn about layering techniques. The major units may include, Pastels and Charcoal, Computer Images and Colored Pencils or Markers, Collage, Watercolor Painting and found objects.* Prerequisites: None* This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

**Multimedia MS** | This class multidisciplinary art/tech class will allow students to combine mediums in four major units. Students will strengthen their design skills and learn about layering techniques. The major units may include, Pastels and Charcoal, Computer Images and Colored Pencils or Markers, Collage, Watercolor Painting and found objects.* Prerequisites: None* This course includes an optional learning experience." Click here for more information on this class and our other courses offered with community vendors.

**Music 1** | In Music 1, students are introduced to music fundamentals such as solfège, rhythms, dynamics, meter, instrument families, and dance forms. Each topic is presented through the use of music and movement activities that include reading, singing, dancing, and writing. Students improvise original rhythmic compositions. They sing using various forms of musical expression and dance. They learn and practice proper stage and performance etiquette techniques, and they explore the ways in which music and dance work together to create specific dance forms. Students also learn about American composers whose music has influenced the American society.* Prerequisites: None

**Music 2** | In Music 2, students explore musical expression. They investigate how musical concepts such as tempo are used to achieve the musician's expressive intent. Students identify the role and responsibility of a music composer and seek out the connections between music, other arts, daily life, and history. Throughout the course, they perform songs with movements and improvise rhythmic patterns and melodies. They create and record musical ideas through a recording device or on paper. Students learn to identify how personal interests and experiences influence music selection and instrument choice. Through these studies, they evaluate music from the Irish, African, and Japanese cultures. Additionally, they work with standard and iconic notation. Finally, students use the musical skills learned in this course to evaluate recorded music and make suggestions for improvement.* Prerequisites: None

**Music 3** | In Music 3, students explore musical basics such as melody, harmony, dynamics, tempo, timbre, texture, and context. They also reflect upon how these elements affect a listener's response to the music. Students use standard notation to read and write notes and rhythm in the treble clef and then practice playing those notes on instruments including the hand drum, rhythm sticks, and the soprano recorder. They learn about new musical ideas such as the pentatonic sound, major and minor scales, and singing in solfège. Finally, students identify key classical composers and explore new musical genres such as blues, bluegrass, country, jazz, and pop music.* Prerequisites: None

**Music 4** | In Music 4, students identify how the elements of music (melody, harmony, timbre, dynamics, tempo) affect what a piece of music communicates to a listener. Students label or perform three different examples of rhythm in addition to musical notes such as the eighth note and the sixteenth note. They identify notes on the bass and treble clef. Students learn the difference between sharps and flats and major and minor scales. They create simple melodies with chords and mark tempo, time signature, and signature key. Students explore different musical characteristics and instruments from Africa in addition to Latin American and Celtic music and dance. Finally, students explain how social and cultural contexts influence a musical performance.* Prerequisites: None

**Music 5** | In Music 5, students demonstrate their ability to create, perform, analyze, and respond to music while making connections to personal, social, cultural, and historical perspectives. By the end of the course, students will be able to read music notation, compose music, and improvise original melodies. Students will also apply what they learn through interactive learning activities and performances on a variety of instruments including, but not limited to, the tambourine, rhythm sticks, maracas, and the soprano recorder.* Prerequisites: None

**Music 6** | In Music 6, students express ideas and creativity through music. Students apply music terminology to different instrument groups and learn to read music. Additionally, students discuss different forms of music and popular songs within Western and worldwide music.* Prerequisites: None

**Music 7** | In Music 7, students explore the history, development, and attributes of American music. They will learn music theory and music reading skills, which are presented and reinforced within the context of historical musical works. Students interpret sheet music that represents various genres of American music. Additionally, students practice performing music vocally and with a pitched instrument.* Prerequisites: None

**Music 8** | In Music 8, students are introduced to a variety of music genres and instruments. They explore the concepts of rhythm, melody, timbre, texture, dynamics, form, and rhythm, and they learn to sight read music. Students listen to various examples of songs to interpret performances, and they compose and perform their own song.* Prerequisites: None
<table>
<thead>
<tr>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>Music Appreciation: The Enjoyment of Listening</td>
<td>Have you ever heard a piece of music that made you want to get up and dance? Cry your heart out? Sing at the top of your lungs? Whether pop, classical, or anything in between, music provides a powerful way for people to celebrate their humanity and connect with something larger than themselves. Music Appreciation: The Enjoyment of Listening not only will provide a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that’ll around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.* Prerequisites: None</td>
</tr>
<tr>
<td>Music Exploration MS</td>
<td>What comes to mind when you hear the word ‘music’? Do you think about your favorite band or artist? Do you think about instruments and scales and chords? The word ‘music’ means something different to everyone. This is why in Exploring Music there is a little bit of something for everyone! You will learn about how we hear music and how music affects our lives. You will explore important elements of music like rhythm, pitch, and harmony, as well as different musical genres. You will discover more about your singing voice and musical instruments and composition while taking in the history and culture of music over the years. Tune up your understanding and appreciation for all things music by signing up for this course!* Prerequisites: None</td>
</tr>
<tr>
<td>Music K</td>
<td>In Music K, students are introduced to the expression of ideas and creativity in music through active involvement. Students respond, connect, perform, and create music to enhance gross and fine motor skills, vocal development, self-expression, personal connection, originality, visual recognition, and audition while developing music terminology.* Prerequisites: None</td>
</tr>
<tr>
<td>Music Projects</td>
<td>Join us in this multidisciplinary course where students will experience a wonderful adventure in the music of the world! Students will learn about different instruments from many cultures and they will even create one themselves! We'll cover many aspects of what music is, and how we use it in everyday life. Each student will focus on the instrument of their choosing and create a practice log and journal.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Music: Recorder EL</td>
<td>This course combines music and performing arts. Students will experience and learn new songs and perform them using their bodies. In addition, the student will begin learning how to play the recorder.* Prerequisites: None* Pending 2020 curriculum review/board approval</td>
</tr>
<tr>
<td>Mythology and Folklore</td>
<td>Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years. Mythology and Folklore: Legendary Tales will illustrate how these famous anecdotes have helped humans make sense of the world. Beginning with an overview of mythology and different types of folklore, you will journey with age-old heroes as they slay dragons, outwit gods, defy fate, fight endless battles, and outwit clever monsters with strength and courage. You'll explore the universal and social significance of myths and folklore and see how these powerful tales continue to shape society even today.* Prerequisites: None</td>
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<tr>
<td>Mythology EL</td>
<td>This course multidisciplinary course is a survey of the major myths of Greek, Roman, and Norse antiquity, including the appropriate gods, heroes and heroines, and the stories these cultures told about them. Within the course, students examine the nature and social function of mythology. A particular focus of the course is the legacy of mythology in modern literature and popular culture.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Mythology HS</td>
<td>This multidisciplinary course is a survey of the major myths of Greek, Roman, and Norse antiquity, including the appropriate gods, heroes and heroines, and the stories these cultures told about them. Within the course, students examine the nature and social function of mythology. A particular focus of the course is the legacy of mythology in modern literature and popular culture.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>National Security</td>
<td>Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Put yourself in the position of the country's decisive leaders and develop your own knowledge base and skill set necessary to meet the requirements of our nation's most demanding career.* Prerequisites: None</td>
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<tr>
<td>Native American Cultures EL</td>
<td>In this cross-curricular course, students will gain insight into the Native American culture, both historically and present day. Students will learn how early Native Americans interacted with the natural world and created unique cultures in five different regions of North America. Through story, art, and hands on projects, students will discover contributions made by this rich culture to the Americas. This study encourages the practice of respect for other people and their cultures.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Natural World Projects Applied EL</td>
<td>Students may conduct investigations and research for the Natural World Projects class. Each pathway project involves a multidisciplinary approach involving art and technology as well.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Natural World Projects EL</td>
<td>The Natural World is a fascinating place full of things seen and unseen. Understanding and appreciating our Natural World is the first step in caring for it. In this course students will discover more about the world around them through one or more pathways such as animal study, cell study, ecology, organism study, outdoor nature study, plant study, or marine study and will engage in hands on activities such as outdoor nature investigation, dissection, microscope use, in class lab activities, etc. Each pathway project involves a multidisciplinary approach involving art and technology as well. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Nutrition and Personal Fitness HS</td>
<td>Nutrition and Personal Fitness encompasses a variety of topics with a focus on nutrition, dietary needs, and physical fitness. Students develop a foundation within the basics of nutrition principles and practices, learning to read food labels and understand food safety concerns. In regards to physical fitness, students are exposed to exercise guidelines that promote healthy lifestyles. <em>Prerequisites: None</em></td>
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<td>Nutrition and Wellness</td>
<td>Have you ever heard the phrase &quot;Your body is your temple&quot; and wondered what it means? Keeping our physical body healthy and happy is just one of the many challenges we face, and yet, many of us don't know how to best achieve it. Positive decisions around diet and food preparation are key to this process, and you will find the essential skills needed to pursue a healthy, informed lifestyle in Nutrition and Wellness. Making sure you know how to locate, buy, and prepare fresh delicious food will make you, and your body, feel amazing. Impressing your friends and family as you nourish them with your knowledge? That feels even better! <em>Prerequisites: None</em></td>
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<td>Nutrition Projects EL</td>
<td>In this project based course, our younger students will explore food requirements for different individuals, nutritive values of food, diet planning, and the relation of food to positive health. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>One Act Play EL</td>
<td>This multidisciplinary course explores such concepts as: What are some basic theatre concepts? What is character analysis and why is it important in theater? How do scenery, props and costumes add to or take from a production? Students will explore and collaborate to create a set through artistic expression and students will perform in a one act play as the final project. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>OVA Yearbook HS</td>
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<td>Painting EL</td>
<td>Students will learn about painting medium and its creative procedures in approaches to individual problem solving in this multidisciplinary class. Included are materials and techniques of the medium along with various subjective problems involving form, color, and composition, utilizing criticism and aesthetics. Color Theory is a study of the formal and expressive properties of color based upon the theories of Itten and Albers. Famous artists will be studied and their styles imitated. Painting projects will be copies of famous art or original designs. Style will vary from old masters, to modern and abstract art. Paints will vary from acrylics, to oils, to watercolors and other various kinds of paint. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Peer Counseling</td>
<td>Are you the person that people come to for advice? Does it seem that your friends always talk to you about their problems? If so, Peer Counseling may be the perfect course for you. It offers ways for you to explore this valuable skill and better understand how it can make a difference in the lives of others. Helping people achieve their personal goals is one of life's most rewarding experiences, and Peer Counseling will show you the way to provide support, encouragement, and resource information. Learn how to observe others as a Peer Counselor as you carefully listen and offer constructive, empathic communication while enhancing your own communication skills.* Prerequisites: None</td>
</tr>
<tr>
<td>Personal and Family Finance</td>
<td>We all know money is important in life. But how important? In fact, the financial decisions you make today may have a lasting effect on your future. Rather than feeling anxious about money feel empowered by learning how to make smart decisions! Personal and Family Finance will begin the conversation around how to spend and save your money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence as you begin to navigate your own route to future security. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.* Prerequisites: None</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>From Financial Responsibility, to career and income planning, to basic economics and entrepreneurship, Middle School Personal Finance is designed to prepare students for a successful life by teaching mindfulness and responsibility with finances. Course topics include:Personal Financial Responsibility/Economic Fundamentals/Income and Careers/Planning and Money Management/Debt and Risk Management/Insurance and Saving and Investing/Entrepreneurship/Governmental Economics * Prerequisites: None</td>
</tr>
<tr>
<td>Personal Finance Acellus MS</td>
<td>Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Personal Finance I</td>
<td>Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Personal Fitness</td>
<td>What does being fit really mean? Is it just based on physical appearance or is it something deeper? Though we strive to be healthy and make sensible choices, it's difficult to know how to achieve this. It's not only about losing weight or lifting a heavy barbell; in Personal Fitness you will learn about body functions, safety, diet, goals, and strategies for longevity. Human beings, in both body and mind, are complex and highly sensitive organisms that need the right attention to physically excel and feel great. Being fit is about living life to the fullest and making the most of what you have—you yourself! Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.* Prerequisites: None</td>
</tr>
<tr>
<td>Personal Psychology I: The Road to Self-Discovery</td>
<td>Have you ever wondered why do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers! In Personal Psychology I: The Road to Self-Discovery, you will trace the development of personality and behavior from infancy through adulthood. You will learn more about perception and consciousness and better understand the role of sensation. Ready to explore the world of human behavior? Come explore all that psychology can offer to truly understand the human experience.* Prerequisites: None</td>
</tr>
<tr>
<td>Personal Psychology II: Living in a Complex World</td>
<td>Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different from (or so similar) your brother's or sister's personality? Personal Psychology II: Living in a Complex World will you to explore what makes you. &quot;you&quot; do some things motivate you more than others? How can you determine your IQ? If you've ever wanted to dive right into the depths of who you are and how you got to be you, jump on board and start your exploration now!* Prerequisites: None</td>
</tr>
<tr>
<td>Personalized Academic Success Strategies (PASS): 1</td>
<td>PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.* Prerequisites: None</td>
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| Personalized Academic Success Strategies (PASS) 12 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
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| Personalized Academic Success Strategies (PASS) 2 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 3 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 4 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 5 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 6 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 7 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 8 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) 9 | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Personalized Academic Success Strategies (PASS) K | PASS is a course for students in grades K-12. This course is designed to help students learn and improve skills and strategies that are essential to being an effective student. An emphasis will be placed on accountability which provides the foundation for academic success. Students will also be able to practice and become familiar with online testing scenarios and requirements to help them prepare for online standardized tests.  
Prerequisites: None |
| Philosophy Projects EL                | Through a multidisciplinary approach, students will focus on our thinking in the light of a philosophical studies project. Students will explore the historical and modern aspects of philosophy, its influence in the arts and use technology to complete various projects.  
Prerequisites: None  
*This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors. |
| Philosophy Projects HS                | Through a multidisciplinary approach, students will focus on our thinking in the light of a philosophical studies project. Students will explore the historical and modern aspects of philosophy, its influence in the arts and use technology to complete various projects.  
Prerequisites: None  
*This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors. |
| Philosophy Projects MS                | Through a multidisciplinary approach, students will focus on our thinking in the light of a philosophical studies project. Students will explore the historical and modern aspects of philosophy, its influence in the arts and use technology to complete various projects.  
Prerequisites: None  
*This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors. |
| Philosophy: The Big Picture          | Go on an exciting adventure covering over 2,500 years of history! Along the way, you’ll run into some very strange characters, like the dirty barefoot man who hung out on street corners pestering everyone with questions, or that eccentric fellow who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the world’s most brilliant and influential thinkers and originated the fundamental ideas of Western civilization.  
Introduction to Philosophy: The Big Picture asks some of the same questions these great thinkers pondered, so by the time you’ve “closed the book” on this course, you will better understand yourself and the world around you—from atoms to outer space and everything in between.  
Prerequisites: None |
| Photography EL                        | Through a multidisciplinary approach, this introductory course is designed to introduce the aesthetic and technical theories and techniques of photography. Topics include camera and lens operation, exposure, white balance, composition, lighting, creativity, image editing software. Course requires a digital camera.  
Prerequisites: None  
*This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors. |
| Photography HS                        | Through a multidisciplinary approach, this introductory course is designed to introduce the aesthetic and technical theories and techniques of photography. Topics include camera and lens operation, exposure, white balance, composition, lighting, creativity, image editing software. Course requires a digital camera.  
Prerequisites: None  
*This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors. |
| Photography MS                        | Through a multidisciplinary approach, this introductory course is designed to introduce the aesthetic and technical theories and techniques of photography. Topics include camera and lens operation, exposure, white balance, composition, lighting, creativity, image editing software. Course requires a digital camera.  
Prerequisites: None  
*This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors. |
| Photography: Drawing with Light MS    | What do you think makes a photograph great? Do you want to take fun, interesting photographs of people, places, and pets to post for your friends or hang on your wall? Photo images are everywhere today! Sometimes we see hundreds in one day. But it's obvious that not all photographs are the same - some are definitely cooler than others. In Middle School Photography: Drawing with Light, you'll learn how to take those excellent, jaw-dropping photographs that you see in magazines and on your favorite social media sites.  
You'll learn the basics of using a camera and how to avoid common photography mistakes. Once you get the hang of this process, you'll be taking photos that will amaze your friends and have them wondering how you do it!  
Prerequisites: None |
<table>
<thead>
<tr>
<th>Course Name</th>
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<tbody>
<tr>
<td>Photojournalism</td>
<td>A powerful image can tell an eloquent story without words. Students in Photojournalism will be introduced to some of the pioneers who set the standards for this unique way of storytelling. As they study the principal types of photojournalism and the ethical responsibilities a photojournalist has behind the lens, students will develop their own storytelling skills through their writing and their photographs.* Prerequisites: None</td>
</tr>
<tr>
<td>Photoshop EL</td>
<td>In this project based, multidisciplinary course, students learn to use Adobe Photoshop Elements software to improve and transform their own digital photographs. Using these new skills they will create imaginative and unique projects. This is a great companion class to Photography.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Photoshop HS</td>
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<td>Photoshop MS</td>
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<tr>
<td>Physical Education</td>
<td>Physical Education I introduces topics to help you understand the importance and meaning of true physical fitness. You will learn how to apply different approaches to help you achieve a healthy weight and keep your bones and muscles strong. At the beginning of the course, your lessons will focus on providing you with the tools and knowledge you need to design, maintain, and build a fitness routine. To support your fitness routine and safety, you will learn about the proper exercise techniques for aerobic conditioning, strength training, and flexibility. Toward the end of the course, you will receive an overview of several different types of fitness careers, learn how to locate fitness resources in your community, and discover the social, mental, and physical benefits of exercise.* Prerequisites: None</td>
</tr>
<tr>
<td>Physical Science</td>
<td>Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science P, students get an introduction to physics concepts of motion, forces, energy, waves and electricity. In Physical Science C, students get an introduction to chemistry topics surrounding matter, chemical reactions, and atomic structure. By reviewing multiple concepts, students gain foundational skills in the science disciplines that provide a basis for future course study.* Prerequisites: None</td>
</tr>
<tr>
<td>Physical Science C (Hybrid)</td>
<td>Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science C students first investigate topics surrounding matter, chemical reactions, and atomic structure. By reviewing multiple concepts, students gain foundational skills in the science discipline that provide a basis for future course study.* Prerequisites: None</td>
</tr>
<tr>
<td>Physical Science MS (Hybrid)</td>
<td>This course explores many aspects of science. Students will begin the course by identifying matter as the basic building block of life. Students will then explore the cell and all of its working parts before being introduced to Earth's organisms and their processes. Finally, students will investigate Earth's water and atmospheric processes and determine how each produces energy systems. In the second part of Earth Science, students will explore structural changes involving the Earth, ranging from the past to the present. This investigation will include the rock cycle, plate tectonics, and mineral formation. Students will inquire about the history of our universe and what it means to live in an Earth, Moon, and Sun system. Students will examine motion, forces, and various types of energy. Finally, students will examine types of sound and light energy.* Prerequisites: None</td>
</tr>
<tr>
<td>Physical Science P (Hybrid)</td>
<td>Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science P students study concepts of motion, forces, energy, waves and electricity. In Physical Science C, students get an introduction to chemistry topics surrounding matter, chemical reactions, and atomic structure. By reviewing multiple concepts, students gain foundational skills in the science discipline that provide a basis for future course study.* Prerequisites: None</td>
</tr>
<tr>
<td>Physical Science P/C CR</td>
<td>Both physics and chemistry are prominent disciplines within the Physical Science course. In Physical Science C students first investigate topics surrounding matter, chemical reactions, and atomic structure. In Physical Science P students study concepts of motion, forces, energy, waves and electricity. By reviewing multiple concepts, students gain foundational skills in the science discipline that provide a basis for future course study.* Prerequisites: None</td>
</tr>
<tr>
<td>Physical World Projects EL</td>
<td>In this multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation including engineering principles.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Physical World Projects HS</td>
<td>In this multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Physical World Projects MS</td>
<td>In this multidisciplinary course, students will explore several topics with a focus on technology and the physical world. This hands on project based class will provide an avenue for inquiry and investigation. The role of the student in this course is to develop inquiry and problem solving skills within the context of technology and applied scientific investigation concepts including engineering principles.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Physics</td>
<td>Through an explanation of mechanics, Physics introduces students to the fundamentals of algebra-based physics. Students are provided with an introduction to concepts such as motion, forces, gravity, energy, and momentum. Students explore heat, fluids, waves, sound, light, optics, electricity, magnetism and how these relate to atomic structures.* Prerequisites: None</td>
</tr>
<tr>
<td>Physics (Hybrid)</td>
<td>Elemental Science Physics organizes a complete one year, full credit high school course. This program contains textbook assignments from CK12 Physics, which is available for free online. Each week includes reading selections, vocabulary terms, problems to work out, and comprehension questions. * Prerequisites: None</td>
</tr>
<tr>
<td>Physics CR</td>
<td>Through an explanation of mechanics, Physics introduces students to the fundamentals* Prerequisites: None</td>
</tr>
<tr>
<td>Political Science</td>
<td>Political Science provides students with the foundation for the origin, creation, and function of different political systems within the United States and across the globe. Political Science looks into the separation of powers, defining democracy and other types of government-led strategies such as dictatorship, totalitarianism, authoritarianism, and communism. The course delves into economic concepts, such as the regulation of trade and employment.* Prerequisites: None</td>
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<td>Pre-Algebra</td>
<td>Pre-Algebra, provides the basis for the course content. The student will solve equations and inequalities with positive and negative integers, decimals, and fractions. The student will then use the algebra skills to work with ratios, proportions, and percentages. In the second course, the student will explore basic algebraic principles. Students will also examine and evaluate two-step and multi-step equations and inequalities and then explore and use graphs to solve linear relations and functions. Next, the students will be introduced to basic concepts of geometry including angle relationships, parallel lines, polygons, circles, and transformations. The student will continue to apply his knowledge of geometry and algebra to solve area and volume problems. Then the student will explore nonlinear functions and polynomials. Finally, the student will examine properties of right triangles, data analysis, and probability.  *Prerequisites: Math 6 or Math 7</td>
</tr>
<tr>
<td>Precalculus</td>
<td>This course presents students with a formal study of functions, an analysis of sequences and series, counting principles, the binomial theorem, and probability. Students will use technology to employ multiple approaches to problem solving and data modeling. This course also includes topics on trigonometry, parametric curves, the polar coordinate system, and complex numbers in polar form. Students will solve problems using the Laws of Sines and Cosines and will also analyze vectors and conics, study systems of equations and matrices, and solve systems using matrices. Limits and continuity are introduced.  *Prerequisites: Algebra II</td>
</tr>
<tr>
<td>Principles of Agriculture, Food and Natural Resources</td>
<td>Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You'll learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.  *Prerequisites: None</td>
</tr>
<tr>
<td>Principles of Business, Marketing, and Finance</td>
<td>Principles of Business, Marketing, and Finance provides the knowledge and skills students need for careers in business and marketing. Students begin exploring roles and functions that business and marketing play in a global society, develop an understanding of the market place, as well as understanding product placement and promotion. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends. Using hands-on activities, students reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution and management, while also focusing on economics and interpersonal skills. This course also addresses exploring career options in business and marketing as well as securing and keeping a job.  *Prerequisites: None</td>
</tr>
<tr>
<td>Principles of Health Science</td>
<td>Principles of Health Science provides knowledge and skills students need for careers in health care. Students explore the services, structure, and professions of the health care system and get guidance on choosing a specific career path in health services, including career paths in emergency medicine, nutrition, and alternative medicine. Students focus on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership. In addition, students will expand their understanding of health and safety systems, how to address emergency situations, and deal with infection control issues. Students will also explore topics in medical science, terminology, procedures, and regulations - including an overview of physiology and medical measurements. Using real-life scenarios and application-driven activities, students learn the responsibilities and challenges of being health care professionals and deepen their knowledge of various career options. In addition to building their understanding of technical concepts and skills, students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the health care industry and extend their knowledge of oral and written communication in health science.  *Prerequisites: None</td>
</tr>
<tr>
<td>Principles of Information Technology Ia: Introduction</td>
<td>Develop your students' understanding and proficiency of computers! Students will learn about computer hardware, Von Neumann architecture, peripherals, and maintenance as well as data management and storage options. Learners will trace the history of operating systems and application software while also exploring network systems, administration, and troubleshooting. Finally, students will dive into word processing, spreadsheets, and databases to cement their knowledge of information technology.  *Prerequisites: None</td>
</tr>
<tr>
<td>Principles of Information Technology Ib: Working with Computers</td>
<td>Need Description class available Spring 2021.  *Prerequisites: Principles of Information Technology Ia</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>The student is introduced to common management philosophies and issues in today's changing world. The student will study globalization, ethics, diversity, customer service, and innovation from a managerial perspective.  *Prerequisites: None</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>Students explore factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. They gain a working knowledge of practical marketing and business vocabulary. They also evaluate how the actions of competitors influence marketing decisions in the global marketplace.  *Prerequisites: None</td>
</tr>
<tr>
<td>Principles of Public Service: To Serve and Protect</td>
<td>Ambulances scream along, heading toward those in need. But who makes sure someone is there to answer the 9-1-1 call? When you take a pill, who has determined that drug is safe for the public? All of these duties are imperative to our comfort and success as a society. Public service is a field that focuses on building a safe and healthy world, and in Principles of Public Service: To Serve and Protect you will be introduced to its many different career choices. The protection of society is not only one of our greatest challenges, it also provides ways for people to work together to ensure safety and provide indispensable services. If you’ve ever contemplated being one of these real-life heroes, now is the time to learn more!  *Prerequisites: None</td>
</tr>
<tr>
<td>Probability &amp; Statistics</td>
<td>This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.  *Prerequisites: None</td>
</tr>
<tr>
<td>Problem Solving Projects EL</td>
<td>In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games, puzzles, and other fun activities in this project based class, student will collaborate to problem solve, create solutions and apply these concepts to real world situations.  *Prerequisites: None</td>
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<tr>
<td>Problem Solving Projects HS</td>
<td>In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games, puzzles, and other fun activities in this project based class, student will collaborate to problem solve, create solutions and apply these concepts to real world situations.  *Prerequisites: None</td>
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<tr>
<td>Problem Solving Projects MS</td>
<td>In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games, puzzles, and other fun activities in this project based class, student will collaborate to problem solve, create solutions and apply these concepts to real world situations.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>PSAT Prep</td>
<td>PSAT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These prescriptive courses ensure that students focus on the areas where extra assistance is needed. PSAT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual PSAT assessments. This is a pass/fail course.* Prerequisites: None</td>
</tr>
<tr>
<td>Psychology</td>
<td>Through this highly interactive course students will acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals.* Prerequisites: None</td>
</tr>
<tr>
<td>Public Speaking EL</td>
<td>Through a multidisciplinary approach, in this class, students will learn tips, insights, and strategies which will help them become a confident and effective speaker. We will explore 10 different speech styles over the course of the semester. Each speech style will help the student learn a new skill for public speaking. This class is also a great way for kids to come out of their shells and create new comfort zones while speaking in groups of any size!* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Public Speaking HS</td>
<td>Through a multidisciplinary approach, in this class, students will learn tips, insights, and strategies which will help them become a confident and effective speaker. We will explore 10 different speech styles over the course of the semester. Each speech style will help the student learn a new skill for public speaking. This class is also a great way for kids to come out of their shells and create new comfort zones while speaking in groups of any size!* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Public Speaking 1a: Finding Your Voice</td>
<td>Does the thought of speaking in front of people makes you break out in hives? Maybe you want tips on how to make that first great impression? In both cases, Public Speaking may be just what you need. In this class you will learn from famous orators, like Aristotle and Cicero, how to communicate effectively, uphold your arguments, and effectively collaborate with others. You’ll master the basics of public speaking through practice—such as building a strong argument and analyzing the speeches of others—even ultimately learning to speak confidently in front of large groups. Grab your notes and get ready to conquer public speaking!* Prerequisites: None</td>
</tr>
<tr>
<td>Public Speaking 1b: Finding Your Voice</td>
<td>If you’ve learned the basics and are ready to expand your public speaking skills, Public Speaking 1b: Finding Your Voice is for you. In this course, you’ll master the fundamentals of public speaking through practice and eventually learn to speak confidently in front of large groups. Explore the use of inductive and deductive reasoning, learn how to prepare a speech outline, and discover how to write your own speech using correct and emotive language. This course will also help you develop self-efficacy and self-esteem, reduce your fear of public speaking, and teach you how to use body language effectively. You’ll also learn how to stand back and critically examine your own work in order to identify areas for improvement.* Prerequisites: Public Speaking 1a</td>
</tr>
<tr>
<td>Public Speaking MS</td>
<td>Through a multidisciplinary approach, in this class, students will learn tips, insights, and strategies which will help them become a confident and effective speaker. We will explore 10 different speech styles over the course of the semester. Each speech style will help the student learn a new skill for public speaking. This class is also a great way for kids to come out of their shells and create new comfort zones while speaking in groups of any size!* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Python Multiplayer Adventure</td>
<td>Python is a powerful language designed to do just about anything! This course allows students to learn Python by first completing a text based console game and then turning it into a multiplayer adventure! Students will not only learn Python from going through the individual lessons and video reviews but also understand a client server relationship. They will get to code in their own python web server that allows connections through a browser. Students will gain experience using variables, classes, functions, lists, dictionaries, generators and proper Python formatting. This is a great course for anyone interested in preparing themselves for future coding classes. This course assumes no coding experience and includes self graded quizzes and tests.* Prerequisites: None</td>
</tr>
<tr>
<td>Reading &amp; Writing for a Purpose</td>
<td>This course will provide students with the necessary tools to become successful in both their academics and in the workplace. Reading is a vital skill necessary for effectively taking notes, summarizing main ideas, and separating fact from opinion. This course will empower students to achieve their goals in higher education and in the career of their choosing. Please note: This course is intended for 12th graders whose college placement scores are below the established cut score indicating that they are not college-ready. Reading (CPT, below 83; SAT, below 440; ACT, below 18). * Prerequisites: None</td>
</tr>
<tr>
<td>Real World Parenting</td>
<td>Do you love children? Maybe you dream of being a parent someday. But perhaps you are also asking yourself, just how, exactly, do you learn to parent? Learning how to care for children while teaching them confidence and accountability is not an easy feat. In Real-World Parenting, you’ll learn that being a parent is much more than simply feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are all critical aspects as well. You’ll learn how to be a positive force in the development of your future children as well as others around you.* Prerequisites: None</td>
</tr>
<tr>
<td>Reasoning EL</td>
<td>In this multidisciplinary class, students will explore activities to reason, think logically and explore the concept of reasoning and deduction. Through games and other fun activities in this project based class, student will collaborate to problem solve.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Reasoning HS</td>
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</tr>
<tr>
<td>Renewable Technologies</td>
<td>Cars that run on used vegetable oil. Electricity produced from your garbage. A windmill made from spare bicycle parts that pumps water to crops. Energy is life. So, how do we address the growing concerns about energy sources? Where will it come from in the future? How can energy be something sustainable, renewable, and accessible? Introduction to Renewable Technologies begins to uncover the development of new energy technologies and explores how recent approaches to generating, storing, and creating this precious resource have evolved. By gaining a larger understanding of this challenge, we, as thoughtful people, can implement real change and unlock the solution needed for a safer, cleaner, and more enduring world.* Prerequisites: None</td>
</tr>
<tr>
<td>Research Methods</td>
<td>In this course, you will explore and apply the fundamentals of scientific research methodology by examining a social issue. You will develop a research question, find and evaluate existing research, and design and implement an objective research method. This course offers a step-by-step, systematic approach to conducting research. Emphasis is on using critical thinking, efficient research techniques, and the Internet to produce an in-depth research paper.* Prerequisites: None</td>
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<tr>
<td>Restaurant Management</td>
<td>Have you ever dreamed of running your own eatery? Maybe you've thought of collaborating with a famous chef to create an unforgettable dining experience? What goes on behind the restaurant dining room is a very different world than what goes on out front and really determines the success or failure of an establishment. Restaurant Management will show you exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.* Prerequisites: None</td>
</tr>
<tr>
<td>Robotics and Artificial Intelligence</td>
<td>It seems like many elementary to high school robotics courses are focused on coding a simple robot to move its mechanical arm up and down. This course, in contrast, teaches students what a robot is and how it relates to other key technologies such as artificial intelligence and machine learning. Then the course examines 10 applications of robots and how they will change and impact various aspects of our lives and the economy. Will robots simply steal our jobs, or will they be a tool that will create new opportunities and even free humans to use our creativity and curiosity to their full potential? Students will grapple with this and many other questions as they explore this vital, future-focused subject.* Prerequisites: None</td>
</tr>
<tr>
<td>Robotics EL</td>
<td>Robotics/Engineering teaches problem solving, critical thinking skills, team skills and engineering through the use of a multidisciplinary class. Working together with others successfully, learning to value each team member, recognizing that others have great ideas and can make valuable contributions are important attributes for everyone in our interconnected world!* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Robotics HS</td>
<td>Robotics/Engineering teaches problem solving, critical thinking skills, team skills and engineering through the use of a multidisciplinary class. Working together with others successfully, learning to value each team member, recognizing that others have great ideas and can make valuable contributions are important attributes for everyone in our interconnected world!* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Rocks Rock EL</td>
<td>In this multidisciplinary class students will use technology and other disciplines to study rocks, minerals, fossils, stalactites, quick sand, and crystals and the unique characteristics of each. Students will explore the changes that earth has undergone over time and how fossils and rock formations can be used to tell us what might have happened in the past. Students will explore careers in Geology. They will also use art and technology to create a portfolio of their explorations.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Rocks Rock HS</td>
<td>In this multidisciplinary class students will use technology and other disciplines to study rocks, minerals, fossils, stalactites, quick sand, and crystals and the unique characteristics of each. Students will explore the changes that earth has undergone over time and how fossils and rock formations can be used to tell us what might have happened in the past. Students will explore careers in Geology. They will also use art and technology to create a portfolio of their explorations.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Rocks Rock MS</td>
<td>In this multidisciplinary class students will use technology and other disciplines to study rocks, minerals, fossils, stalactites, quick sand, and crystals and the unique characteristics of each. Students will explore the changes that earth has undergone over time and how fossils and rock formations can be used to tell us what might have happened in the past. Students will explore careers in Geology. They will also use art and technology to create a portfolio of their explorations.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>SAT Prep</td>
<td>SAT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These prescriptive courses ensure that students focus on the areas where extra assistance is needed. SAT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual SAT assessments. This is a pass/fail course. * Prerequisites: None</td>
</tr>
<tr>
<td>Science 1</td>
<td>In this course, students will explore topics including properties of matter, force and motion, temperature, light and energy. Sound vibration and studied students begin to learn about organisms and cells. Natural resources are introduced.* Prerequisites: None</td>
</tr>
<tr>
<td>Science 1 (Hybrid)</td>
<td>Through a banded standards approach, students will study Animals, Astronomy, and Physics. From the make-up of the human body to the infrastructure of a skateboard, Science 1 feeds children's curiosity about how things are made. Includes basic introductory studies fields such as meteorology, biology, electricity, soil science, astronomy, physiology, and hydrology. Children will uncover mysteries of the human body and health as they enjoy the First Encyclopedia of the Human Body. They'll marvel as they travel from Earth to the ends of the known universe in the engaging, picture-filled book, Space. They'll also learn about animals, space, and water processing, and enjoy a biography of Louis Pasteur. The 30 major experiments center around water, magnets, light, and mirrors.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science 2</td>
<td>In this course, students continue to learn about organisms and cells and begin inherited traits. Properties of matter are studied and students are introduced to ecosystems, earth, and space. Students will continue natural resources and begin to study conservation.* Prerequisites: None</td>
</tr>
<tr>
<td>Science 2 (Hybrid)</td>
<td>Through a banded standards approach, students will study scientific and technological method (how things are made); biology (rocks and minerals); Meteorology (weather); biology (plants, animals, babies and habitats); and microscopy. Students will return again to study each and every one of these topics in later years. The Usborne Book of Knowledge serves as a key book for Science 2. But you'll also enjoy a biography of Marie Curie, a colorful book devoted to weather and two zany &quot;Magic School Bus&quot; books. The 30 primary experiments this year deal with weather (meteorology), the human body, and batteries (electricity).* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science 3</td>
<td>This course enables students to become junior scientists as they complete a variety of hands-on experiments and learn to log their observations and results in a science lab journal. Students will learn and follow the scientific method as they conduct experiments related to geology, biology, physics, Earth science, and wellness. They will gain knowledge related to the properties of rocks, soil, and fossils; the characteristics of various natural disasters; the various types of land formations; and health and nutrition. Students will learn and follow the scientific method as they conduct experiments related to geology, biology, physics, Earth science, and wellness. They will gain knowledge related to the properties of rocks, soil, and fossils; the characteristics of various natural disasters; the various types of land formations; and health and nutrition.* Prerequisites: None</td>
</tr>
<tr>
<td>Science 3 (Hybrid)</td>
<td>Through a banded standards approach, students will study Biology, Taxonomy, and Human Anatomy. Science 3 gives students an up-close look at the observable world and the forces behind what we can see. Students focus on Physics (energy, gravity, sound, electricity, and machines) and Biology (life, cells, plants and photosynthesis, plant growth, protists, frogs, butterflies, ecosystems, food cycle, water cycle, air cycle, the human body and animals). Students learn how living things are categorized and named (taxonomy). They discover biological processes and how they work through hands-on experiments and projects. Students will build a greenhouse and conduct botany experiments to understand what living things need. You and your children will learn through hands-on activities and interesting books such as Usborne Science Encyclopedia, Magic School Bus, two TOPS: Green Thumbs books and more. You'll return to these same subjects at deeper levels many times in the years ahead. Science 3 experiments are coordinated with the TOPS: Green Thumbs books and are based on the growth of living things* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Science 4</td>
<td>In this course, students will develop a science journal to record notes, drawings, questions, and data from the scientific experiments that they complete. Through these experiments, they will learn more about famous scientists, scientific instruments, and diagrams, tables, and graphs used by scientists. They will conduct safe and simple experiments related to biology, earth science, ecology, astronomy, geology, and climate. Students will also relate their experiments to real world problems, such as the effects of pesticides, pollution, and fertilizer. Prerequisites: None.</td>
</tr>
<tr>
<td>Science 4 (Hybrid)</td>
<td>Students explore electricity, magnetism, light, color, microscopes, astronomy and space, inventions, chemistry, modern technology, and mechanical technology in early American life. Students conduct over 90 experiments that center on the characteristics and uses of electricity and magnetism. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science 5</td>
<td>Students continue to sharpen their investigative skills. In life science, students examine the living world; in physical science, they explore characteristics of matter, sound, and light. Students also learn about the Earth's composition and the forces that shape its surface. The scientific method is reinforced, and careers in science are discussed. Prerequisites: None</td>
</tr>
<tr>
<td>Science 5 (Hybrid)</td>
<td>Students discover the wonders of the human body in Science 5, including anatomy, health and nutrition, diseases, survival skills, and a unit on gender differences and reproduction. The Blood &amp; Guts book provides amusing and amazing hands-on experiments to teach about the body. There is three-week unit on survival skills (a unit at least tangentially related to health and human physiology). Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science 6</td>
<td>Science 6 is an innovative course based on the framework for the Next Generation Science standards (NGSS). NGSS focuses on science and engineering practices; Earth, life, and physical science core ideas; and fundamental crosscutting concepts vital to relating the various fields of science and developing a scientific world view. The course provides the student opportunities to engage in inquiry-based investigations, STEM (Science Technology Engineering Mathematics) projects, and other dynamic activities. Hands-on and online activities encourage the student to make connections, collaborate, and reflect on his or her learning. Prerequisites: None</td>
</tr>
<tr>
<td>Science 6 (Hybrid)</td>
<td>Students make connections and delve deeper into chemistry, physics, and biology. What's Science All About? is a wonderfully illustrated exploration of biology, chemistry and physics. We combine this with Chemically Active! to put all that knowledge into use with experiments almost every week. Genetics provides a great insight into family traits and which ones are genetic, what a chromosome is, how DNA works and relates some concepts to biology and chemistry. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science 7</td>
<td>Science 7 is an innovative course based on the framework for the Next Generation Science standards (NGSS). NGSS focuses on science and engineering practices; Earth, life, and physical science core ideas; and fundamental crosscutting concepts vital to relating the various fields of science and developing a scientific world view. The course provides the student opportunities to engage in inquiry-based investigations, STEM (Science Technology Engineering Mathematics) projects, and other dynamic activities. Hands-on and online activities encourage the student to make connections, collaborate, and reflect on his or her learning. Prerequisites: None</td>
</tr>
<tr>
<td>Science 7 (Hybrid)</td>
<td>Students gain perspective of today's hottest career markets including Robotics, Conservation, Energy, Engineering (Dams and Canals), and general Technology. Each week is capped with an experiment that will have your middle school student building things that range from solar robots to windmills to dams. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science 8</td>
<td>Science 8 is an innovative course based on the framework for the Next Generation Science standards (NGSS). NGSS focuses on science and engineering practices; Earth, life, and physical science core ideas; and fundamental crosscutting concepts vital to relating the various fields of science and developing a scientific world view. The course provides the student opportunities to engage in inquiry-based investigations, STEM (Science Technology Engineering Mathematics) projects, and other dynamic activities. Hands-on and online activities encourage the student to make connections, collaborate, and reflect on his or her learning. Prerequisites: None</td>
</tr>
<tr>
<td>Science DK</td>
<td>Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. In this course, students will explore concepts such as ecosystems, climate, seasons, weather, living/non living things, and basic building blocks of scientific exploration and inquiry. Students will be given opportunities to practice problem solving skills. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. Prerequisites: None</td>
</tr>
<tr>
<td>Science DK (Hybrid)</td>
<td>Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional Kindergarten. In this course, students will explore concepts such as ecosystems, climate, seasons, weather, living/non living things, and basic building blocks of scientific exploration and inquiry. Students will be given opportunities to practice problem solving skills. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience. Prerequisites: None</td>
</tr>
<tr>
<td>Science K</td>
<td>In this course, students will explore ecosystems, weather, seasons, and climate. Problem-solving skills are used and comparison of living and non-living things. Composition of the earth is studied and genetics are explored and students learn the difference between scientific fact and opinion. Prerequisites: None</td>
</tr>
<tr>
<td>Science K (Hybrid)</td>
<td>Biology, Botany and Physics: Science K sparks children's curiosity and introduces them to basic concepts in Biology, Earth Science, and Physics - topics you'll return to again over the years. Includes nearly 100 science experiments in the Discover and Do DVD along with supplies you need so you and your child can recreate the experiments. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science Lower El Bio</td>
<td>Lower Elementary Biology for the Grammar Stage provides a first-look at biology for K-2 students. This science program includes a virtual buffet of options from which you can choose! Biology for the Grammar Stage Teacher Guide lays out a twenty-week study of animals, a ten-week study of the human body, and a six-week study of plants using visually appealing encyclopedias. It includes weekly scientific demonstrations, reading assignments, notebooking assignments, additional activities, memory work, and more! Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Science Lower El Physics</td>
<td>Lower Elementary Physics for the Grammar Stage provides a first-look at physics for K-2 students. This science program includes a virtual buffet of options from which you can choose! Physics for the Grammar Stage Teacher Guide lays out a thirty-six-week study of energy, light, sound, electricity, forces, and motion, plus a full unit on engineering. It includes weekly scientific demonstrations, reading assignments, notebooking assignments, additional activities, memory work, and more! Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Science Lower MS Bio</td>
<td>Lower Middle School Biology for the Logic Stage leads 5th and 6th grade students through a study of plants, animal life, and the human body by digging deeper into fundamental concepts before high school. Biology for the Logic Stage Student Guide includes all student assignment sheets, sketches, experiment sheets and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topical, sketch assignment, experiment directions, report options, dates to enter, and memory work. Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Science Lower MS Physics</td>
<td>Lower Middle School Physics for the Logic Stage leads 5th and 6th grade students through a study of forces, motion, and more by digging deeper into what was studied during the elementary years. Physics for the Logic Stage Student Guide includes all student assignment sheets, sketches, experiment sheets and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Science Upper MS Bio</td>
<td>Upper Middle School Biology for the Logic Stage leads 7th and 8th grade students through a study of plants, animal life, and the human body by digging deeper into fundamental concepts before high school. Biology for the Logic Stage Student Guide includes all student assignment sheets, sketches, experiment sheets and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Science Upper MS Physics</td>
<td>Upper Middle School Physics for the Logic Stage leads 7th and 8th grade students through a study of forces, motion, and more by digging deeper into fundamental concepts before high school. Physics for the Logic Stage Student Guide includes all student assignment sheets, sketches, experiment sheets and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Science: Botany 3</td>
<td>Students will explore the world of plants through various hands-on living labs. Students will dissect seeds, force bulbs, make leaf skeletons, build light huts, grow herbs and much, much more. These hands-on activities combining art &amp; craft activities will complement our lessons as students learn about plants from the roots up: plant classification, plant cells, the life cycle of plants, flower parts, leaf shapes, etc. Hands-on lab experiences and online learning with botanical readings, videos, and interactive games and activities will complement in-class lessons. Individual term projects will expand our learning of botany beyond the classroom. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Scratch Coding MS</td>
<td>Scratch is a program developed by MIT teaching students the basics on how computers think! This program will introduce students to real coding programs and allow them to drag and drop coding blocks creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results! This course assumes no prior computer coding knowledge and includes self-paced multiple-choice tests and quizzes. Prerequisites: None</td>
</tr>
<tr>
<td>Sculpture Projects EL</td>
<td>This is an introductory course to 2D &amp; 3D sculpture. We will be using a variety of sculpture techniques and materials to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition, observation, and analysis of sculptural form. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Sculpture Projects HS</td>
<td>This is an introductory course to 2D &amp; 3D sculpture. We will be using a variety of sculpture techniques and materials to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition, observation, and analysis of sculptural form. We will discuss both sculpture from different time periods and sculpture from other countries and then create projects inspired by the artwork we've seen. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Sculpture Projects MS</td>
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<tr>
<td>Sea Explorers EL</td>
<td>Join us as we travel under the sea! This cross curricular class will cover marine animals and the oceans they live in. While the focus of this class will be on ocean life we will also touch on aquatic life in lakes, rivers and other bodies of water periodically, throughout the year. We'll explore the underwater world through a variety of hands on projects and activities which will include modeling, research, experiments, games, and dissections. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Sea Explorers HS</td>
<td>Join us as we travel under the sea! This cross curricular class will cover marine animals and the oceans they live in. While the focus of this class will be on ocean life we will also touch on aquatic life in lakes, rivers and other bodies of water periodically, throughout the year. We'll explore the underwater world through a variety of hands on projects and activities which will include modeling, research, experiments, games, and dissections. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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</tr>
<tr>
<td>Self Defense Martial Arts EL</td>
<td>In this multidisciplinary course, younger students will explore this Individual Sports pathway to focus on self defense and the martial arts. Students will concentrate on the improvement of specific sport skills and strategies needed to successfully master the techniques of this art and incorporate self defense components through research and technology activities. Goals include: develop and maintain a high level of physical fitness, develop positive attitudes and behaviors relating to physical and mental well-being, to develop knowledge and understanding of physical education concepts and develop skills needed to participate in lifelong physical activities and acquiring the skills necessary to self defend. Prerequisites: None This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Self Defense Martial Arts HS</td>
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</tr>
<tr>
<td>Sewing Skills EL</td>
<td>In a multidisciplinary course, creating functional and artistic projects, students will learn basic hand sewing techniques including stitching, sewing buttons and other fasteners, hemming and basic embroidery. Students will also study basic sewing machine use and care, learn how to thread a sewing machine and practice basic stitching using a machine. <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Shakespeare Projects EL</td>
<td>The plays of Shakespeare are too often taught in the classroom as difficult and rather obscure sacred texts. The aim of this multidisciplinary course is to remind students that Shakespeare was not only a great poet but also a great dramatist, and to show students that his plays are still exciting and dynamic as theatre. This course is designed to give students exposure to the language, work, and insight of one of the world's greatest creative literary geniuses. A major goal of the course is to familiarize students with Shakespearean drama and foundational methods of literary criticism. Another major goal of the course is to help students appreciate, understand, and even fall in love with Shakespeare's art through application and practice as they participate in group drama. This is an active/interactive course: <em>be ready for an adventure!</em> <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Soc Studies Lower El Early Mod Times</td>
<td>Lower Elementary Story of the World Early Modern Times (1600 to 1850) introduces students to the rich and complex world of the modern age. The course is designed to provide students with an understanding of the social, political, and economic developments that shaped the modern world. The course is divided into five units: <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Soc Studies Lower Ms Early Mod Times</td>
<td>Lower Middle School Story of the World: Early Modern Times takes another good-sized bite of world history for 5th and 6th grade students in 42 chapters. Topics covered in Volume 3 include Japanese warlords, colonies in the &quot;New World&quot;, the spread of slavery, the &quot;Sun King&quot; of France, English control in India, imperial China, The Revolutionary War, Captain Cooks explorations, Age of Industrialism in Europe, Napoleon, French Revolution, Lewis &amp; Clark, Mexican independence, Africa and colonialism, the Opium Wars, the Gold Rush, and much, much more. <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Soc Studies Upper El Early Mod Times</td>
<td>Upper Elementary Story of the World Early Modern Times (1600 to 1850) introduces 3rd and 4th grade students to the marvelous story of world civilizations with this third volume of the best-selling Story of the World series. Who was the Sun King? How did samurai become sumo wrestlers? What was the Black Hole of Calcutta? And why was a California town named Ground Hog Glory? This full-year curriculum has accompanying Activity Books, which provides coloring pages, map exercises, review questions, reading lists (fiction and nonfiction), research ideas, and fun projects. <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Soc Studies Upper Ms Early Mod Times</td>
<td>Upper Middle School Story of the World: Early Modern Times takes another good-sized bite of world history for 7th and 8th grade students in 42 chapters. Topics covered in Volume 3 include Japanese warlords, colonies in the &quot;New World&quot;, the spread of slavery, the &quot;Sun King&quot; of France, English control in India, imperial China, The Revolutionary War, Captain Cooks explorations, Age of Industrialism in Europe, Napoleon, French Revolution, Lewis &amp; Clark, Mexican independence, Africa and colonialism, the Opium Wars, the Gold Rush, and much, much more. <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Soc Studies Upper Ms Modern Age</td>
<td>Upper Middle School Story of the World: The Modern Age (1850 to 1994) introduces 7th and 8th grade students to the marvelous story of world civilizations with the final volume of this best-selling history series. Where was the Crystal Palace? Who was the Sick Man of Europe? And how did cow fat start a revolution? students consider and study the cultures, conflicts, and ideas that continue to shape our world. <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Social &amp; Behavioral Studies EL</td>
<td>This cross curricular course will explore the adaptation of an individual’s behavior in the social situation and what influences our judgment of others. Learners will become aware of various influences in behavior. Students will conduct self assessments on discrimination and their views of the world. Technology will be used as a research tool. <em>Prerequisites: None</em> This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Social &amp; Behavioral Studies HS</td>
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<td>Social &amp; Behavioral Studies MS</td>
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<tr>
<td>Social Emotional Learning EL</td>
<td>In Social Emotional Learning - Elementary, Dr. Paet Monet addresses basic social and emotional concepts that every child needs - from getting along with others to self esteem, from learning to be aware of the feelings of others to dealing with insensitive people or emotionally challenging situations. Dr. Monet's sincerely caring attitude radiates out to students, helping them to accept the life-enriching ideas she presents. Addressing serious issues that students will encounter throughout their lives, Dr. Monet encourages students to realize that even at a young age, they are the captains of their fates, that they control where their lives will go, and that they have the power to overcome any adversity and become truly amazing people. * Prerequisites: None</td>
</tr>
<tr>
<td>Social Emotional Learning HS</td>
<td>The Acellus Social Emotional Learning - High School course helps students to explore their own potential and the choices that lie before them as they grow to adulthood. Students consider their own ability to choose the kind of person they want become and learn how to use skills like goal setting to become that person. Students explore personal aspects of their lives as well as relationships and the potential they have to impact others, as well as to gain inspiration and guidance from them. Students continue in Social and Emotional Learning (SEL) as they investigate ways to make their lives the best that they can be and preparing students to face the future with awareness and positivity. * Prerequisites: None</td>
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<tr>
<td>Social Emotional Learning MS</td>
<td>The Social Emotional Learning - Middle School course takes students on a journey of discovering their own personal strengths and potential while helping them develop skills that will empower them to lead vibrant, productive, happy lives. This course focuses on self-awareness, self-control, and self-direction, and the value of setting realistic goals to accomplish personal change in their lives. Students explore the beauty in their own uniqueness and the uniqueness of others. They are guided to understand that the attitudes they choose have a big impact on what they can accomplish in life, their happiness, and the impact they have on those around them. * Prerequisites: None</td>
</tr>
<tr>
<td>Social Media: Our Connected World</td>
<td>Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on social media platforms is crucial to surviving and thriving in this age of digital communication. In Social Media: Our Connected World, you'll learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit - personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.* Prerequisites: None</td>
</tr>
<tr>
<td>Social Problems I: A World in Crisis</td>
<td>War, crime, poverty, global warming, world often seems full of dire warnings and predictions. How can we make sense of it all and still dare to step outside each day? Social Problems I: A World in Crisis will explore some of the biggest challenges facing our world today and prepare you to tackle them head-on. You'll learn what led to these social problems, what effects they have on our lives and societies, and what possible solutions exist for solving them. Whether you want to save the world from the next pandemic or better understand the effects of the media on society, this course will help you develop a plan of action!* Prerequisites: None</td>
</tr>
<tr>
<td>Social Problems II: Crisis, Conflicts, and Challenges</td>
<td>It may seem like we live in a sometimes scary and ever-changing world. Everywhere we look—from the homeless living on the streets, to world-wide health epidemics, to the often negative effects of our global world—problems seem to appear at every corner. In Social Problems II: Crisis, Conflict, and Challenges, you’ll explore more of the challenges we face and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to the changing nature of communities in our digital world, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives. * Prerequisites: None</td>
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<tr>
<td>Social Studies 1</td>
<td>In the first semester, students will learn about the ways in which people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. We will also study maps, photos, biographies, illustrations, poetry, and music to help explain the concept of communities and extend the concept of community to the larger world. In the second semester, students continue to learn about the ways in which people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. We will also study maps, photos, biographies, illustrations, poetry, and music to help explain the concept of communities and extend the concept of community to the larger world.* Prerequisites: None</td>
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<td>Social Studies 1 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach, students will sketch an overview of history and geography. Students get to: Recline at a scumptious Roman feast with a nobleman and his family. Discover why we know much more about Ancient Egypt than we do about other civilizations such as Crete. Encounter mighty war elephants of India with Alexander the Great and his weary troops. Start your child's journey with a fun survey of peoples of the world. See how different people groups live, build homes, talk, eat, and dress. As you move into a chronological trek through history, the story-based A Child's History of the World serves as the centerpiece of your child's studies. Additionally, students will explore their community and state while exploring the greater world around them.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Social Studies 100 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach with language arts, students move chronologically to discover fascinating empires before Columbus. See why Benedict Arnold became a traitor. Meet the founding fathers who dared to create a Constitution that has become the model for countries around the world. Walk with courageous Sacajawea as she navigates the adventure of a lifetime. Survive WWII with a Japanese-American family in a California internment camp. See the daily struggles of normal African Americans who courageously changed history through the Montgomery Bus Boycott. Level 100 takes you deeper into the complex fabric of American society. Meet Americans who lived such different lives: former slaves who established a new town in Canada, teenagers who fought in the Civil War, miners who searched for gold in the Idaho Territory, Chinese immigrants who tunneled through mountains, Irish immigrants who survived the Great Depression and more. This curriculum goes far beyond historical highlights and uncovers the fascinating ups and downs of our nation's story.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Social Studies 2</td>
<td>Your child will continue to explore basic concepts of history, geography, economics, and government, while discovering more about world cultures. In the first semester, students will practice basic map, chart, graph, and thinking skills. We will also introduce your child to ordinary people who showed good citizenship and to famous people who have influenced our country and the world. In the second semester, students will practice basic map, chart, graph, and thinking skills. We will also introduce your child to ordinary people who showed good citizenship and to famous people who have influenced our country and the world.* Prerequisites: None</td>
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<td>Social Studies 2 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach, students study how history has a real impact on how we live today. Discover together that there are real historical answers to questions such as: Why did castles, knights and jousting tournaments fade away? Why do Americans use inches instead of centimeters? Why aren't there very many Kings and Queens in the world anymore? Why do children study Math and Science? Why do people from different cultures tend to view the world so differently? Go way beyond Europe. Our purpose is not simply to trace the roots of Western civilization, but to acquire an overview of how civilizations have developed all over the world. This means Europe, the Americas, Asia, the Middle East, Australia and Africa. <em>Prerequisites: None</em> This course includes an optional learning experience. *Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Social Studies 3 (Hybrid)</td>
<td>This Social Studies course focuses on the theme of community through the study of geography, history, government, and economics. In this course, the student will explore a variety of communities, past and present, from around the world. Short stories, biographies, poetry, case studies, songs, and other resources emphasize the role of the individual in the community, as well as the influence of geography on communities. Multimedia resources including videos and interactive websites enhance and support the content. The student will learn geographic concepts such as place, location, and human interaction with the environment. Geography skills lessons are incorporated throughout the course. In addition, the student will learn the basic principles that led to the creation of the Declaration of Independence and the U.S. Constitution. The student will learn about the rights and responsibilities of citizens and the three branches of government. In the economics unit, the student will examine basic economic concepts such as money, prices, supply and demand, and taxes. <em>Prerequisites: None</em></td>
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<tr>
<td>Social Studies 4 (Hybrid)</td>
<td>In this course, students are introduced to state history and use a regional approach to examine the geography and history of the United States. The course also looks at the state's people, economy, resources, and geography, and students study the structure and functions of local and state governments as well as the development of cities and industries in certain areas and will trace the evolution of U.S. water systems. In addition to learning state history, students learn how to integrate different types and uses of maps and apply geographic skills and concepts. <em>Prerequisites: None</em></td>
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<tr>
<td>Social Studies 5 (Hybrid)</td>
<td>Through a cross curricular and banded standards approach with Language Arts, students will have a cross-continental itinerary. Students take an ambling trek that starts in China and moves through the rest of Asia, over to the Middle East, down to Africa, sweeps through the South Pacific, including Australia and New Zealand, and finishes in Antarctica. Get to know the people and cultures of places you hear about in the news, but may have never studied in-depth (such as Japan, India, and Afghanistan). Reading with History level five includes a 36-Week, 4-Day schedule designed to save one day a week for co-ops, music lessons, sports, field trips or other extra-curricular activities. Includes colorful map answer keys, discussion questions and answers as well as background notes. As you learn about countries with such different economic histories from ours, you’ll enjoy Whatever Happened to Penny Candy?, an easy introduction to basic economics. And throughout your year, timeline figures and maps pull all your learning together. The history centerpiece is Journey to the Eastern Hemisphere, a book (new for 2016!) that combines articles and photos about various countries and regions: China, Korea, Japan, Russia, Southeast Asia, Vietnam, India, the Middle East, Israel, Saudi Arabia, Africa, the Pacific Islands, New Zealand, Australia, and Antarctica. The cross curricular activities include: adventures of life overseas, and the study of the classics from our own culture. Get ready to: See cultures with new eyes as you walk with a young Tibetan girl from her homeland all the way to Calcutta. Students will read: The Horse and His Boy, one of C. S. Lewis' marvelous tales of Narnia, Shuffle behind Marjan, a disabled Persian girl, as she risks her life to collect stories for the Sultan's wife, who must tell him a new tale every night—or be killed. Students will get more glimpses into life in the Eastern Hemisphere through their Readers this year. They'll meet characters who inspire courage, curiosity, strength and lots of fun! If you meet one such character in Sadako and the Thousand Paper Cranes, your children will use the included paper to make their own authentic Japanese origami. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Social Studies 6 (Hybrid)</td>
<td>Learning about civics gives students the skills and knowledge necessary to be active citizens who have a positive impact on their communities. In this course, students discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Students also discover ways the United States interacts with countries around the world. Geography and economics support the learning of civics in this course. Engaging in this study prepares students to be informed citizens who are ready to participate in the American democracy. <em>Prerequisites: None</em></td>
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<tr>
<td>Social Studies 7 (Hybrid)</td>
<td>The World Studies course provides a unique balance of history, geography, and culture; it expands students' understanding of each world region through a focus on its major countries. Additionally, students learn the foundations of geography. Regions covered include Africa, Asia and the Pacific, the United States and Canada, Europe and Russia, and Latin America. The history and geography of the ancient world and medieval times to present day are also included. <em>Prerequisites: None</em></td>
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Course Name | Course Description
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Social Studies 7 (Hybrid) | Through a cross curricular and banded standards approach with language arts, students gain a working knowledge of what happened from the 17th century to about 1990. How did the Renaissance influence the American and French Revolutions? How did the Industrial Revolution drastically change society? How did the Western and Eastern hemispheres become so interconnected? How did Colonial powers conquer so much of the world and carve out new nations? How did those nations eventually throw off Colonial rule? What tensions led to the explosion of two world wars? What did normal life look like around the world during these changes?* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Social Studies 8 | The American History course presents a chronological history of the American experience from the earliest times to the Civil War. It covers topics such as, colonial America, the American Revolution, issues faced by the early republic, westward expansion, and the Civil War.* Prerequisites: None

Social Studies DK | Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional kindergarten. This course introduces students to social studies concepts such as family and individual wants and needs, concepts of civics and government, and basic geography. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience.* Prerequisites: None

Social Studies DK (Hybrid) | Students in Developmental Kindergarten will experience the first half of the kindergarten curriculum with social-emotional development and foundational skills as a focus. Students will continue their education the following year with a full year of traditional kindergarten. This course introduces students to social studies concepts such as family and individual wants and needs, concepts of civics and government, and basic geography. Emphasis on social-emotional development and establishing foundational skills for a full year of kindergarten following their development kindergarten experience.* Prerequisites: None

Social Studies K | This course introduces students to family and individual wants and needs. History is introduced along with civics and government. Local government is studied along with basic geography.* Prerequisites: None

Social Studies K (Hybrid) | History & Geography * Intro to the World: Cultures: Start down BookShark's bold academic path by introducing your child to new and interesting people as you travel to distant lands and long-ago times. Study Ancient Egypt, Rome, knights and castles, geography, climates and much more. Engage your child with conversation as we equip you with questions to connect him or her to the various people and places you will discover. Read-Alouds: Reading aloud to your children builds their vocabulary, listening skills and imagination. Read-Alouds also help build your child's cognitive development and gives them a passion to learn. Cuddle-up and read 23 Read-Aloud classics like Dr. Doolittle and The Boxcar Children. Readers: After your children learn just 8 letters of the alphabet they will read real stories in the Fun Tales series. If you are unsure which reading level is right for your child please check out our Quick Reading Assessment.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Sociological Projects EL | This project based course for upper elementary students will merge the two disciplines of sociology and technology. Such questions like:. Why does the media of information delivery impact the rational and emotional aspects of a sociological topic? What are ways modern technology can aid us in better understanding one another? How does that very technology impact society itself?? Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

Sociological Projects HS | This project based course for upper elementary students will merge the two disciplines of sociology and technology. Such questions like:. Why does the media of information delivery impact the rational and emotional aspects of a sociological topic? What are ways modern technology can aid us in better understanding one another? How does that very technology impact society itself?? Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Sociological Projects MS | This project based course for upper elementary students will merge the two disciplines of sociology and technology. Such questions like:. Why does the media of information delivery impact the rational and emotional aspects of a sociological topic? What are ways modern technology can aid us in better understanding one another? How does that very technology impact society itself?? Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Sociology I | Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies. Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists. In online discussions and polls, students reflect critically on their own experiences and ideas, as well as on the ideas of sociologists. Interactive multimedia activities include personal and historical accounts to which students can respond, using methods of inquiry from sociology. Written assignments provide opportunities to practice and develop skills in thinking and communicating about human relationships, individual and group identity, and all other major course topics. This course is built to state standards and the National Council for the Social Studies (NCSS) Expectations of Excellence: Curriculum Standards for Social Studies.* Prerequisites: None

Sociology I: The Study of Human Relationships | Human beings are complex creatures; however, when they interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be human? Sometimes it can feel as if there are more questions than answers. Sociology I: The Study of Human Relationships seeks to answer these questions and many more as it explores culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives. How does this happen? Join us and find out!? Prerequisites: None

Sociology II: Your Social Life | Why do people disagree on so many big issues? Where do culture wars come from? Maybe you've wondered this as you've looked through your social media feed or read the latest online article about groups fighting over different social issues. Sociology II: Your Social Life takes a powerful look at how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Although the reality of the battles isn't always pretty, gaining a clearer picture of the different sides can help you better understand how our lives are shaped by entertainment, social institutions, and social change.* Prerequisites: None

Socratic Circles EL | Through a multidisciplinary approach, students will meet new characters and explore the world through books! Students will learn how to become active readers through age appropriate literary analysis, blogging activities, projects. The class focus is on the discussion techniques including speech and debate techniques.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.

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<tbody>
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<td>Solo Instrumental EL</td>
<td>Through a multidisciplinary approach, students will learn how to play an instrument of their choice. Instruction will be demonstrated through classroom lecture, one-on-one instruction, activities and personal trial and error. Exploration in other areas will include music and artistic expression, composers, care and cleaning of the instruments, science of sound, orchestra, band, music theory, music history, songwriting, responsibility, accountability, and the importance of practice. Students will also be exposed to technology to enhance their learning experience. Prerequisites: None This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Solo Instrumental HS</td>
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<td>Solutionary Congress Projects EL</td>
<td>This multidisciplinary project based class requires students to participate in a congress. This is an event you organize in your school or district, with Solutionary Teams gathering to present practical and visionary solutions to problems in their communities and the world in ways that are just, humane and sustainable for people, animals and the earth. Prerequisites: None This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Songwriting EL</td>
<td>In this multidisciplinary course, students will use a recorder, write lyrics, note rhythms, using rhyme, singing, editing, adding instruments, include optional accompaniment, and be exposed to the introduction to standard notation. Students will create an musical art project to demonstrate their learning and extension project. Prerequisites: None This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Space Odyssey EL</td>
<td>This hands-on class includes investigation of the Earth's motions and how they affect the appearance of the day and night sky; the major planets, their moons, and other bodies of the solar system. Students will use various forms of technology and art to create an ongoing and final project. Prerequisites: None This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Spanish - Introduction DK/K</td>
<td>Join Juanito and Rosalinda on a trip to explore the sights, sounds, and traditions of Mexico. In this course, students will be introduced to the Spanish language and culture through vocabulary, songs, stories, videos, and more. Along the journey, students will meet the famous Mexican artist Frida Kahlo and learn the story of Araña Pequeñita. They will also record and listen to themselves speaking new words in Spanish. Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None</td>
</tr>
<tr>
<td>Spanish - Level 1 EL</td>
<td>Get ready for an adventure! In this course, students will travel through Spain with Carmen and Mateo to experience the culture and traditions of this beautiful country. Students will continue to build their Spanish speaking and listening skills with new vocabulary, songs, and stories, and even play a Dominos game! Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None</td>
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<tr>
<td>Spanish - Level 2 EL</td>
<td>The global tour continues! This course takes students on a trip through the scenic country of Peru, where they will learn vowel and letter sounds. Students will join Martin and Maria as they explore Machu Picchu and learn about the Peruvian culture with an authentic recipe for chocolate colada. Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None</td>
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<td>Spanish - Level 3 EL</td>
<td>It's island time! Daniela and Santiago guide students on a tour through the colorful culture and traditions of the Caribbean. Students will build on their previous Spanish language skills by learning how to ask and answer questions. Along the way, students will visit the El Yunque Rainforest and learn how to dance the merengue! Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None</td>
</tr>
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<td>Spanish - Level 4 EL</td>
<td>Pack your bags—you're going to Argentina! In this course, students will experience the culture and traditions of this unique country alongside Mercedes and Armando. Students will continue to build their Spanish vocabulary, learn about verb conjugations, and use adjectives. Along the way, students will visit interesting places throughout Argentina such as Patagonia and the beautiful waterfalls, Las Cataratas del Iguazú. Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None</td>
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<tr>
<td>Spanish - Level 5 EL</td>
<td>Costa Rica, here we come! Join Paula and Carlos on a tour through the beautiful culture and lush rainforests of Central America. With an emphasis on using mostly Spanish, this course will help increase students' language skills. In addition, students will learn about greetings in different Spanish-speaking countries, practice writing in Spanish with a typing activity, and continue to practice their speaking and listening skills. Florida Virtual School's Elementary offers a suite of Elementary Spanish courses. These courses are based on proficiency level rather than grade level. The majority of our students (even those that speak Spanish at home) find it is most beneficial in the student learning process to begin at the introductory level to ensure a smooth transition of content. Each level of Spanish builds on the previous level and is set in a new and exciting Spanish speaking country. * Prerequisites: None</td>
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<tr>
<td>Spanish Culture 2 EL</td>
<td>This multidisciplinary course expands on the concepts learned in Spanish Culture 1, and expands on learning with a focus on more elaborate conversations. Fiestas (day of dead, 5th of May) to introduce to culture (food, tradition, culture, language). Activities include viewing a movie in Spanish, listen and create a project about the cultural aspects. * Prerequisites: Spanish Culture 1* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Spanish Culture 2 HS</td>
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<td>Spanish Culture 2 MS</td>
<td>This multidisciplinary course expands on the concepts learned in Spanish 1, and expands on learning with a focus on more elaborate conversations. Fiestas (day of dead, 5th of May) to introduce to culture (food, tradition, culture, language). Activities include viewing a movie in Spanish, listen and create a project about the cultural aspects. * Prerequisites: Spanish Culture 1* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Spanish Culture EL</td>
<td>This is a beginning Spanish multidisciplinary project based course, which emphasizes oral communication in a variety of topics at a basic level. Students will learn basic grammar in an oral/aural context in each class. Students will develop and improve weekly in the four language skills of speaking, listening, basic reading and writing as an appreciation of Spanish culture. * Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Spanish Culture HS</td>
<td>This multidisciplinary introductory Spanish language and culture class provides students an avenue to be introduced to the language in such a way that they learn the grammar as well as how to communicate orally in the language. A good, working knowledge of English grammar is an advantage to any student taking this course. Students will advance their skills in the language to narrating about their lives in the past and future tenses. Their vocabulary grows as well as their ability to function in the language with an emphasis on compound tenses and the subjunctive mood. Literature is introduced and students learn to converse on a variety of topics. Students also complete a culture study through a multimedia project.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Spanish Culture MS</td>
<td>This multidisciplinary introductory Spanish language and culture class provides students an avenue to be introduced to the language in such a way that they learn the grammar as well as how to communicate orally in the language. A good, working knowledge of English grammar is an advantage to any student taking this course. Students will advance their skills in the language to narrating about their lives in the past and future tenses. Their vocabulary grows as well as their ability to function in the language with an emphasis on compound tenses and the subjunctive mood. Literature is introduced and students learn to converse on a variety of topics. Students also complete a culture study through a multimedia project.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Spanish I</td>
<td>Students cover basic vocabulary, grammar, spelling, and punctuation to build a solid foundation for further study. Assignments include engaging in simple conversation, writing paragraphs, and listening to Spanish dialogue. Students also study the history and culture of Spanish-speaking people. * Prerequisites: None</td>
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<tr>
<td>Spanish I CR</td>
<td>In this credit recover course, students cover basic vocabulary, grammar, spelling, and punctuation to build a solid foundation for further study. Assignments include engaging in simple conversation, writing paragraphs, and listening to Spanish dialogue. Students also study the history and culture of Spanish-speaking people. * Prerequisites: None</td>
</tr>
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<td>Spanish I MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading, and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: None</td>
</tr>
<tr>
<td>Spanish II</td>
<td>In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities, including Time to Talk sessions with a native Spanish speaker! As they engage in more advanced conversations, write paragraphs and stories, and translate to and from Spanish, students improve their vocabulary and grammar. Intense listening comprehension exercises aid in understanding more complex thoughts and subjects. * Prerequisites: Spanish I</td>
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<tr>
<td>Spanish II MS</td>
<td>Courses are grounded in the development and integration of the four key language skills: listening, speaking, reading, and writing. Students are introduced to vocabulary themes, grammar concepts, sentence structure and culture through explicit instruction and guided, self-paced learning. Opportunities to apply language in common situations along with interactive exercises reinforce skills in differing contexts.* Prerequisites: MS Spanish I</td>
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<td>Spanish III</td>
<td>Spanish III is a continuation of the first two years of Spanish instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: feelings, transportation, work, countries, and the future. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories. * Prerequisites: Spanish II</td>
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<td>Spanish IV</td>
<td>This course continues to build on the skills the student has mastered in his previous Spanish courses. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics covered in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories. <em>Prerequisites: Spanish III</em></td>
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<td>Speech and Debate</td>
<td>Using video tutorials, students study verbal and nonverbal techniques, including those of famous orators, use when presenting simple and complex ideas and when speaking to a group. Using an audiovisual tool to record their speeches, students learn how to speak persuasively, develop position statements, support their arguments, and think analytically. Brainstorming techniques, media analysis, research skills, and presentation strategies are also discussed. <em>Prerequisites: None</em></td>
</tr>
<tr>
<td>Speech Writing</td>
<td>This cross-curricular class for younger students provides students with unique learning experiences to create dynamic speeches using historical documents. Students will explore creative writing techniques to establish their voice and command an audience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Publish EL</td>
<td>This cross-curricular class provides students with unique learning experiences to create dynamic speeches using historical documents. Students will explore creative writing techniques to establish their voice and command an audience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Publish HS</td>
<td>This cross-curricular class provides students with unique learning experiences to create dynamic speeches using historical documents. Students will explore creative writing techniques to establish their voice and command an audience. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Sports Management</td>
<td>In this introduction to the fast-growing field, students explore topics such as sports marketing, branding, ticket sales, media relations, and ethics. They also learn tips for breaking into the industry. The activities and assignments require students to respond to real-world sports management scenarios. <em>Prerequisites: None</em></td>
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<td>Sports Medicine</td>
<td>Sports Medicine provides students with basic understanding of the field of sports medicine, the anatomy of the body, and the common injuries that occur in sports. In addition to learning about the anatomy of the body and techniques used in sports medicine to train and strengthen the body, students learn about injuries, treatment options, and innovative technologies. <em>Prerequisites: None</em></td>
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<tr>
<td>Starkweather Project EL</td>
<td>Students become historians and archaeologists and documentary filmmakers in this multidisciplinary class as they study the Starkweather. By researching and documenting the findings at the Starkweather home, scholars must work together to understand the evidence they uncover and create a record of the journey to discover the historical significance of one of the oldest homes in the state of Michigan. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<tr>
<td>Starkweather Project HS</td>
<td>Students become historians and archaeologists and documentary filmmakers in this multidisciplinary class as they study the Starkweather. By researching and documenting the findings at the Starkweather home, scholars must work together to understand the evidence they uncover and create a record of the journey to discover the historical significance of one of the oldest homes in the state of Michigan. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Starkweather Project MS</td>
<td>Students become historians and archaeologists and documentary filmmakers in this multidisciplinary class as they study the Starkweather. By researching and documenting the findings at the Starkweather home, scholars must work together to understand the evidence they uncover and create a record of the journey to discover the historical significance of one of the oldest homes in the state of Michigan. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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<td>Statistics</td>
<td>This course addresses descriptive statistics topics including frequency distributions, histograms, graphs, and measures of center and spread. Probability topics include addition rules, multiplication rules, conditional probabilities, counting rules, binomial distribution, and normal distribution. Inferential statistics topics include estimations for population measures, hypothesis testing, correlation, goodness-of-fit, and statistical process control. <em>Prerequisites: None</em></td>
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<tr>
<td>STEM 1: Introduction to Coding I: EL/MS</td>
<td>In the Acellus Introduction to Coding course, students are taught how to program using the Blockly coding language. With Blockly, everything is done with little building blocks that snap together in an intuitive way. Each block represents a small piece of code that together make an entire program. Coding with blocks allows students to focus on the fundamental principles of coding without the challenging initial learning curve required for traditional programming languages. Students will be led through activities with incrementally more advanced building blocks. Each block is similar in structure to the syntax and style of real world programming languages. As students learn to program by snapping blocks together, they are laying a foundation for more advanced programming languages. Students will learn about conditional statements, loops, and functions. <em>Prerequisites: None</em></td>
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<tr>
<td>STEM 2: JavaScript EL/MS</td>
<td>Acellus Introduction to Coding 2 is the second coding course in the Acellus STEM10 initiative. Students are taught how to code first with Blockly and then with JavaScript source code. With Blockly, everything is done using little building blocks that snap together in an intuitive way. The blocks are used to help introduce students to the JavaScript syntax. Students will study fundamental programming concepts, as well as practice writing their own source code. <em>Prerequisites: STEM 1: Introduction to Coding I (Acellus)</em></td>
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<tr>
<td>STEM 3: Electronics and Coding EL/MS</td>
<td>Electronics is one of the foundational technologies enabling our modern world. This course shows how electricity is used to make computers and robotics possible. Students will learn about concepts like voltage, current, resistance, and capacitance. They will also continue to practice JavaScript skills they learned in the previous STEM course. Studies will culminate in combining the electronics and coding concepts in ways that show how they are used together in the real world. <em>Prerequisites: STEM 2: JavaScript (Acellus)</em></td>
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<tr>
<td>Strategies EL</td>
<td>This multidisciplinary class will introduce students to critical thinking attributes and life skills that can be applied to decision-making processes in both their educational studies. Students will collaborate with peers while applying strategies to solve real life mathematical problems or game based challenges such as those in chess. <em>Prerequisites: None</em> This course includes an optional learning experience. <em>Click here for more information on this class and our other courses offered with community vendors.</em></td>
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Created on 08/06/2020
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<td>Strategies for</td>
<td>Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school and middle school students to take control of their learning by exploring</td>
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<td>Academic Success</td>
<td>various strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.* Prerequisites: Counselor Approval</td>
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<td>Studio Art</td>
<td>In order to provide a comprehensive study of art, students in Studio Art I analyze and interpret artwork created by others, examine the concepts of aesthetics and art criticism, and explore the practical application of art in a variety of careers. Studio Art I spotlights drawing as a form of communication and introduces students to the elements of art and principles of design through hands-on activities. Students sharpen their observation skills using a variety of art media. Through practice and experimentation, students become adept at using basic techniques and processes to depict the world around them and express their thoughts and feelings.* Prerequisites: None</td>
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<td>Study Skills EL</td>
<td>Students will be given practical hands on tools to use with their current class workloads as needed throughout the semester. In-class workshops will be provided to allow students to have a hands-on approach to their current study skill challenges. We'll work on a variety of strategies and soft skills such as test taking skills, note taking, memory, online research, and time-management using a cross curricular approach.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Team Games EL</td>
<td>This multidisciplinary class will open the students’ eyes to the vast world of sports and games beyond. We will learn about and play physical games. This class promotes age-appropriate developmental skills, team cooperation, good sportsmanship, and a fun, positive outlet for energy! Games will vary based on age range for the class and will include: Hand-eye coordination activities, parachute games, tag and team games, relay games, obstacle course games, and more! Technology will be utilized to explore the rules of the games, the elements of using your body and other items to enhance a healthy lifestyle.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Team Sports</td>
<td>Through a multidisciplinary approach, students will participate and explore a variety of team sports including but not limited to basketball, volleyball, baseball, hockey and other team sports. They will learn the skills and rules in each studied sport. Team-building, mechanics and energy required to complete tasks, Strategies and logic, Healthy choices, Training, Stress management and recovery, overcoming challenges, Past success stories/people/team, Planning and goal setting, Emotional and mental control, Leadership, coaching roles and communication are the skills that students will learn and explore.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Tech Design EL</td>
<td>Through applications including app design, html studies, robotics or Minecraft, students will explore technology design concepts through a multidisciplinary approach. Each week, a new concept will be explored and a new challenge executed to reinforce the concept. Students create a culminating project based on their tech design pathway.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>In this project based multidisciplinary class, students will explore the World Wide Web through programming, designing and creating programs in Minecraft. Students will use Python and GameStart to develop their web skills.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Technical Writing Projects EL</td>
<td>Technical Writing Projects is designed for students who wish to apply writing skills to technology and industry fields. Students will learn through a multidisciplinary approach to apply a variety of technical reading, writing skills and strategies as well as have an opportunity to gain an in-depth knowledge in a field of interest. Work might include but not be limited to: Research, working with small offices or businesses in the community.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Technology &amp; Human Function EL</td>
<td>This is an advanced multidisciplinary natural world, project based course. Students will research and explore the technology used exploring the &quot;human frontier.&quot; The course is divided into several module projects.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Technology Projects EL</td>
<td>Some understanding of coding and programming is essential for digital natives today. This multidisciplinary class is designed to help students &quot;dip their feet into the water.&quot; Fun, relaxed pace for students a bit curious about what makes their digital devices tick, web pages function and how the web pages are formatted. Great apps and websites begin with a great idea! Students will explore technology design and produce and present a project that reflects their work over the semester.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<td>Testing Strategies EL</td>
<td>Students develop test-taking skills. Students learn to anticipate why and when tests are given, evaluate their test-taking attitudes, develop successful test-taking strategies for objective and essay tests, learn post-test evaluation, and explore test anxiety and methods for managing it. Students will develop successful test-taking attitude, use effective strategies for taking objective and essay tests, evaluate past test performance, and manage test anxiety. This course is introductory and prepares students for the next level.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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The Living Earth

The Living Earth integrates biology with Earth and space science. Throughout the course, students apply fundamental biological concepts to better understand how living systems and Earth’s systems are interrelated and independent. Course topics include structure and function of living organisms, heredity, genetic variation, natural selection, evolution, the biosphere, types of ecosystems and biomes, the ecology of populations and communities, the effects of change on the biosphere and its parts, the relationship of humans with the environment, and explorations of challenges humans face and sustainable solutions for the future health of Earth and its inhabitants. Students discover new concepts through guided instruction and confirm their understanding in an interactive, feedback-rich environment. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. A variety of activities encourage students to think scientifically. Lab and Project activities reinforce critical thinking, writing, and communication skills and help students develop a deeper understanding of the nature of science and engineering. Virtual Lab activities enable students to engage in investigations that require long periods of observation at remote locations and to explore simulations that allow scientists to test predictions. In Discussions, students compare their lab or project results and exchange ideas about their investigations. Journal, Checkup, and Practice activities provide additional opportunities for students to practice their writing and scientific reasoning skills and apply learned concepts. This course is built to Next Generation Science Standards. Throughout the course, students are evaluated via a variety of assessments designed to prepare them for the content, form, and depth of state exams. *Prerequisites: None

The Lord of the Rings: An Exploration of the Films & Their Literary Influences

Hobbits, Orcs, wizards, dazzling knights, and powerful elves are all part of the magic created in J.R.R. Tolkien's famously epic tale, The Lord of the Rings. For years, the vivid characters within this beloved story could exist only in the readers' minds until it was adapted into a movie that allowed fans to finally see, through the eyes of Hollywood magic and brilliant technology, the manifestation of these characters onscreen. What does it take to transport these well-known images like Gollum and the Shire from dusty pages to the giant screen? In The Lord of the Rings: An Exploration of the Films & Its Literary Influences, you will see first-hand how classic literature can become modern film and bring the fantasy alive for a whole new generation of believers. *Prerequisites: None

Theater Art & Tech EL

Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, writing a play and creating a production using technology and artistic expression. Students will develop an understanding of the various roles of theatre artist and gain a greater appreciation through collaboration and practical application for creating theatre. Students will participate in all aspects of creating and performing a play as well as hone interpersonal and team building skills. *Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Theater Art & Tech HS

Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, writing a play and creating a production using technology and artistic expression. Students will develop an understanding of the various roles of theatre artist and gain a greater appreciation through collaboration and practical application for creating theatre. Students will participate in all aspects of creating and performing a play as well as hone interpersonal and team building skills. *Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Theatre Art & Tech MS

Through a multidisciplinary approach, in this class students will participate in a general exploration of theatre that develops a better understanding of the elements of theatre, public speaking, voice projection, writing a play and creating a production using technology and artistic expression. Students will develop an understanding of the various roles of theatre artist and gain a greater appreciation through collaboration and practical application for creating theatre. Students will participate in all aspects of creating and performing a play as well as hone interpersonal and team building skills. *Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Trigonometry

This course addresses analyzing functions, transformations, and inverse functions. Students will also learn about radians, the unit circle, right-triangle trigonometry, trigonometric functions, inverse trigonometric functions, trigonometric identities, and trigonometric equations. Additional topics include vectors, conic sections, parametric curves, and the polar coordinate system. *Prerequisites: Algebra II

U.S. History

This course will explore the growth of American society and the emergence of the United States as a world power. The course covers the significant developments in America's past from Reconstruction to World War I with brief connections to early settlement, colonization, and the development of America as an independent nation. The student will focus on American political, economic, and social history from a chronological point of view. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate his or her ideas to others. Geography skills will be interwoven in the lessons, as the student makes connections between the evolution of America's geography and its historical impact. This course will continue the study of American history, tracing the changes in American society from World War II through the present. This course will continue to follow the chronology of American political, economic, and social history. Every unit will provide practice with critical social studies skills, including analyzing primary sources, recognizing point of view, identifying cause and effect, evaluating different forms of information, and communicating ideas to others. Geography skills are interwoven in the lessons, as the student makes connections between the evolution of America's geography and its impact on historical events. *Prerequisites: None

U.S. History CR

This course will explore the growth of American society and the emergence of the United States as a world power. The course covers the significant developments in America's past from Reconstruction to World War I with a brief review of early settlement, colonization, and the development of America as an independent nation. The student will focus on American political, economic, and social history from a chronological point of view. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate his or her ideas to others. Geography skills will be interwoven in the lessons, as the student makes connections between the evolution of America's geography and its historical impact. This course will continue the study of American history, tracing the changes in American society from World War II through the present. This course will continue to follow the chronology of American political, economic, and social history. Every unit will provide practice with critical social studies skills, including analyzing primary sources, recognizing point of view, identifying cause and effect, evaluating different forms of information, and communicating ideas to others. Geography skills are interwoven in the lessons, as the student makes connections between the evolution of America's geography and its impact on historical events. *Prerequisites: None

Upper EL Chemistry (Hybrid)

Upper EL Chemistry is a grade appropriate thirty-six-week study of matter, the periodic table, physical and chemical changes, solutions, acids, and bases, plus a bit of organic chemistry. It includes weekly scientific demonstrations, reading assignments, notebooking assignments, additional activities, memory work, and more! *Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Upper EL Earth Science (Hybrid)

Upper EL Earth Science is a grade appropriate thirty-six-week study of the planet Earth, weather, rocks and fossils, our solar system, and stars using visually appealing encyclopedias. It includes weekly scientific demonstrations, reading assignments, notebooking assignments, additional activities, memory work, and more! *Prerequisites: None

Created on 08/06/2020
**Course Name** | **Course Description**
---|---
Upper EL Social Studies Ancient Times | Upper EL Social Studies Ancient Times covers Egypt, Hammurabi and the Babylonians, Ancient China, Ancient Africa, the Exodus, The Greeks, Rome, and more in a grade appropriate manner. Illustrated throughout with black-and-white drawings and maps, it also includes a pronunciation guide and chronology. (History doesn’t happen in a vacuum; it happens in real places, so we put lots and lots of maps in our history books.) *Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Upper EL Social Studies Modern Age | Upper EL Social Studies Modern Era Introduces your child to the marvelous story of world civilizations with the final volume of this best-selling history series. Where was the Crystal Palace? Who was the Sick Man of Europe? And how did cow fat start a revolution? Illustrated throughout with black-and-white drawings and maps, it also includes a pronunciation guide and chronology. (History doesn’t happen in a vacuum; it happens in real places, so we put lots and lots of maps in our history books.) *Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Upper MS Chemistry (Hybrid) | Upper MS Chemistry leads the middle school student through a study of the key facts of chemistry by digging deeper into what was studied during the elementary years. Upper Middle School Chemistry includes all student assignment sheets, sketches, experiment sheets and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. * Prerequisites: None

Upper MS Earth Science (Hybrid) | Earth Science & Astronomy for the Logic Stage leads the middle school student through a study of the key facts of earth science and astronomy by digging deeper into what was studied during the elementary years. Lower MS Earth Science includes all student assignment sheets, sketches, experiment sheets, and blank report pages that they will need to complete the year. Each of the student assignment sheets contains the weekly topic, sketch assignment, experiment directions, report options, dates to enter, and memory work. * Prerequisites: None

Upper MS Social Studies Ancient Times | Upper MS Social Studies Ancient Times, is a full one-year history, geography, and literature program that covers the ancient past. Reading lists, activities, and map exercises give a more complete picture of life in Ancient Times. Don't just read about history — experience it! * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Veterinary Science Projects EL | Do you love animals? Do you wish to explore the world of veterinary science? Through a multidisciplinary approach, students will explore the environment of the horse and other animals. Join us for this learning adventure as we identify the different breeds and needs of animals, interpret animal behavior, and investigate the roles animals play in our lives. We'll delve into the purpose of various body systems and identify the food and nutrition of various species and potential diseases animals face. Special guests, human and animal, keep class exciting as we explore how to keep your pet safe and we explore the world of those who work with animals as a career. In this multi-disciplinary course for younger students, we will learn about veterinary science. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Veterinary Science Projects HS | In this multidisciplinary course we will learn what veterinary science is and about some of the ongoing research in the field. We will examine how veterinary scientists try to understand animals' health and diseases as well as how veterinarians apply this knowledge. We will also explore the history of veterinary science, some of the areas that veterinary scientists are focusing on in their research, and some of the ethical considerations in veterinary research and science as well as environmental implications. We will also explore medicine for a variety of animals and we will explore careers in Veterinary Science. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Veterinary Science Projects MS | In this multidisciplinary course we will learn what veterinary science is and about some of the ongoing research in the field. We will examine how veterinary scientists try to understand animals' health and diseases as well as how veterinarians apply this knowledge. We will also explore the history of veterinary science, some of the areas that veterinary scientists are focusing on in their research, and some of the ethical considerations in veterinary research and science as well as environmental implications. We will also explore medicine for a variety of animals and we will explore careers in Veterinary Science. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Veterinary Science: The Care of Animals | In this class, young students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can't paint or draw. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Watercolors EL | In this class, students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can’t paint or draw. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Watercolors HS | In this class, students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can't paint or draw. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Watercolors MS | In this class, students will be introduced to materials and equipment, pencils, pens, paints, brushes, paper and sketchbooks. Drawing techniques will include carbon paper and a little sketching. We will experience color mixing - how to make new colors from mixing two colors. We will try wet-in-wet and wet-on-dry painting, splatter painting and several other fun techniques. Through a cross curricular approach, the goal of this class is for students to enjoy the creative process and is especially suitable for those students who think they can't paint or draw. * Prerequisites: None * This course includes an optional learning experience. * Click here for more information on this class and our other courses offered with community vendors.

Wearable and Implantable Technology | From hearing aids to pedometers to smart watches, humans have made and worn devices to overcome physical deficiencies, count their steps, and communicate. With the continue miniaturization of chips and sensors, combined with increasing sophistication of artificial intelligence, wearable technology has proliferated into countless end-markets. This course will introduce students to wearable technologies and the components and software that make these technologies possible. The course will also evaluate several applications of wearable technologies in various industries. Finally, the course will examine and discuss the implications of wearable technology, including its pros and cons, and potential implications to our health, privacy, and society. * Prerequisites: None

Web Development Introduction | How many times per day do you access the internet, including social media? The web is an important part of our daily lives, so it's no surprise that web development is one of the hottest careers. In this course, you'll start to get a real picture of professional web development, including how to create content for the web. You'll learn about topics such as servers, file organization, HTML, CSS, Javascript, and the development stack that will let you build any website you can dream up! * Prerequisites: None

Created on 08/06/2020
<table>
<thead>
<tr>
<th>Course Name</th>
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<tbody>
<tr>
<td>Web Development Ib: Planning and Designing</td>
<td>Building on the prior prerequisite course, polish your digital media skills and learn all about web design. Incorporate your ideas into websites and dabble in the basics of marketing to understand how your work is used. Finally, explore the world of podcasts and audio editing to construct a solid foundation from which you can pursue a career. Prerequisites: None.</td>
</tr>
<tr>
<td>Women's Studies: A Personal Journey Through Film</td>
<td>Maybe you grew up watching movies with female characters like Cinderella, Belle, Snow White, or Ariel. Maybe you've wondered why there are stereotypes about women being bad drivers or ignorant about sports. Maybe you want to know about feminism and the women's movement. The Introduction to Women's studies: A Personal Journey Through Film can help you answer these questions. Though it focuses on the experience of women, it's appropriate for anyone who wants to learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, 'Iory is Herstory too.' Prerequisites: None.</td>
</tr>
<tr>
<td>Woodworking EL</td>
<td>This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work habits and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstrations, educational media and practice projects. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>Woodworking HS</td>
<td>This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work habits and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstrations, educational media and practice projects. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>Woodworking MS</td>
<td>This multidisciplinary course is designed to emphasize activities in planning, design and construction as applied to common forms of woodworking. Accuracy, neatness, sound work habits and safety are stressed and form an important part of the evaluation criteria. Students acquire knowledge and skills through demonstrations, educational media and practice projects. Prerequisites: None. This course includes an optional learning experience. Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>World History EL</td>
<td>Students in World History learn about significant events, people, and places from prehistory to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living. Prerequisites: None.</td>
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<td>World History HS</td>
<td>Students in World History learn about significant events, people, and places from prehistory to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living. Prerequisites: None.</td>
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</tr>
<tr>
<td>World Geography</td>
<td>Geography develops students' comprehension of the geographical concepts and skills needed to acquire information and systematically apply decision-making processes to real-life situations. Students will acquire an understanding of multiculturalism and the relationships between people and their environment. Geography explores the world's cultural regions by examining location, physical characteristics, demographics, historical changes, economic activity, and land use. Prerequisites: None.</td>
</tr>
<tr>
<td>World History (Hybrid)</td>
<td>Students in World History learn about significant events, people, and places from prehistory to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living. Prerequisites: None.</td>
</tr>
<tr>
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<tr>
<td>World History CR</td>
<td>Students in World History learn about significant events, people, and places from 1500 A.D. to contemporary times. Studying world history allows students to consider historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, students gain a better understanding of the role that geography plays in world history. The historical tools covered in this course help students to foster an appreciation for the history in which they are living.* Prerequisites: None</td>
</tr>
<tr>
<td>World Language EL</td>
<td>This world language project based class explores language through a multidisciplinary approach via art and technology. Those mediums are the avenues of the exploration of world language choices including Latin, Spanish, Japanese or French.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
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<tr>
<td>World Language MS</td>
<td>This world language project based class explores language through a multidisciplinary approach via art and technology. Those mediums are the avenues of the exploration of world language choices including Latin, Spanish, Japanese or French.* Prerequisites: None* This course includes an optional learning experience.* Click here for more information on this class and our other courses offered with community vendors.</td>
</tr>
<tr>
<td>World Religions: Exploring Diversity</td>
<td>From Taoism, to Islam, to Christianity, religion inevitably affects us all in some way. On one level, religion can help us commune with and honor our spiritual natures, but it can also divide people and create great strife in the world. World Religions: Exploring Diversity will explore the various characteristics of faith and introduce the fundamentals of the major religions, including Judaism, Islam, Christianity, Buddhism, Confucianism, Hinduism, Shintoism, and Taoism. You'll trace how these powerful faiths have influenced cultures over thousands of years and helped to shape the face of humanity. After this course, you'll have a clearer understanding of how religion continues to affect the larger world.* Prerequisites: None</td>
</tr>
</tbody>
</table>

* Click here for more information on this class and our other courses offered with community vendors.
## 2019-2020 Course Catalog

<table>
<thead>
<tr>
<th>GA Course Code</th>
<th>Course Name</th>
<th>Category</th>
<th>HS / MS</th>
<th>Description</th>
<th>Quarters / Semesters</th>
<th>Vendor</th>
<th>SCED (Natl) / CEDARS (WA) Codes / Titles</th>
<th>Ohio Course Codes/Titles</th>
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<tbody>
<tr>
<td>ART110</td>
<td>Art Foundations</td>
<td>Art</td>
<td>HS</td>
<td>In this course, students will study a variety of art tools and materials. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skills, and an appreciation for aesthetics.</td>
<td>2-Q 1-S</td>
<td>GA</td>
<td>5151 Art Appreciation</td>
<td>020100 Art Appreciation</td>
</tr>
<tr>
<td>ART211</td>
<td>Digital Photography</td>
<td>Art</td>
<td>HS</td>
<td>In this course, students will learn to understand and control a digital camera and employ it as a tool for a variety of situations; construct photographs by manipulating media and organizing the elements of an image; and effectively analyze, criticize and evaluate images created by others.</td>
<td>2-Q</td>
<td>GA</td>
<td>05167 / 11054 Photography / Photo Imaging</td>
<td>340120 Digital Imagery</td>
</tr>
<tr>
<td>ART212</td>
<td>Music Aesthetics</td>
<td>Art</td>
<td>HS</td>
<td>In this class, students will explore the use of their bodies, voice and instruments as means of musical expression; improvise and compose music; and expand their listening skills and vocabulary to analyze and evaluate music.</td>
<td>1-S</td>
<td>GA</td>
<td>05118 Music Appreciation</td>
<td>120800 Music Appreciation</td>
</tr>
<tr>
<td>ART300</td>
<td>Art in World Cultures</td>
<td>Art</td>
<td>HS</td>
<td>In this Art course, students will learn about some of the greatest artists while also creating art of their own, including digital art. The course explores the basic principles and elements of art, examines how to critique art, and some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.</td>
<td>2-Q 1-S</td>
<td>GP</td>
<td>05152 Art Appreciation</td>
<td>020100 Art Appreciation</td>
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<tr>
<td>Course Code</td>
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<tr>
<td>BUS110</td>
<td>Career Explorations</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, students will consider their values, personality, aspirations, and interests to see how these aspects of their lives may inform their career decisions. Research into all major career fields involves a look into the education and background needed and what outcomes are associated with each field. Students will have the opportunity to explore a variety of fields and interests that will inspire them to consider the possibilities available for their future.</td>
<td>4-Q</td>
<td>GA</td>
<td>22151</td>
<td>Career Exploration</td>
</tr>
<tr>
<td>BUS112</td>
<td>Introduction to Business</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, students will explore business in global society, learning terminology, concepts, systems, strategies, and current issues. Topics include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements.</td>
<td>1-S</td>
<td>GP</td>
<td>12051</td>
<td>Introductory Business</td>
</tr>
<tr>
<td>BUS115</td>
<td>Introduction to Graduation Alliance Career Pathways</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, students will consider their values, personality, aspirations, and interests to see how these aspects of their lives may inform their career decisions. Specifically considering the MSSC industry credential in the field of manufacturing, the NCCER credential, which is based in the construction industry, and the Caregiver credential in the healthcare field. Students will have the opportunity to learn about the possibilities offered by these careers and make an action plan to pursue their goals.</td>
<td>1-S</td>
<td>GA</td>
<td>22151</td>
<td>Career Exploration</td>
</tr>
<tr>
<td>BUS118</td>
<td>Business Foundations</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, students focus on specializations within three career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and</td>
<td>2-S</td>
<td>GA</td>
<td>12051</td>
<td>Introductory Business</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Career Area</th>
<th>Grade Level</th>
<th>Description</th>
<th>Credits</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
<tr>
<td>BUS119</td>
<td>Finance Foundations</td>
<td>Career/Tech HS</td>
<td></td>
<td>In this course, students will be introduced to the specializations offered in this career field. Students will obtain fundamental knowledge and skills in accounting, banking services, corporate finance, insurance, and securities and investments. They will acquire knowledge of financial analysis and application, business law and ethics, economics, international business and business relationships. Knowledge management and information technology will be emphasized. Employability skills, leadership, and communications will be incorporated in learning activities.</td>
<td>2-S</td>
<td>GA</td>
<td>12103 Finance Foundations</td>
</tr>
<tr>
<td>BUS210</td>
<td>Career Development</td>
<td>Career/Tech HS</td>
<td></td>
<td>In this class, students will learn and develop the necessary skills to engage in life and career planning. Learners will focus on self-assessment, occupational exploration, and decision-making; discuss the social conditions that impact career development; and implement a strategic career plan.</td>
<td>2-S</td>
<td>GA</td>
<td>22152 Employability Skills</td>
</tr>
<tr>
<td>BUS211</td>
<td>Business Communication</td>
<td>Career/Tech HS</td>
<td></td>
<td>In this course, students will learn about the importance of communicating verbally, through body language, and in the workplace. Students will learn how to conduct themselves in different situations and presentations. They will be guided on how to create organized, clear and concise documents, letters, speeches and presentations that include visual elements. Students will practice these skills with the use of proper conventions, word choice and tone.</td>
<td>2-Q</td>
<td>GA</td>
<td>12009 Business Communication</td>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Career/Tech</th>
<th>Industry</th>
<th>Course Description</th>
<th>Credits</th>
<th>Requirement</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS218</td>
<td>Fundamentals of Financial Services</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, students will develop knowledge and skills needed in the banking, insurance and investment industries. They will analyze banking products and services, determine ways in which insurance reduces risk, and calculate insurable losses. Students will also learn to sell financial products and build positive relationships with clients and colleagues. They will use financial ratios to evaluate company performance and select profitable investments for clients. Technology, employability skills, leadership and communications will be incorporated in classroom activities.</td>
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<tr>
<td>BUS314</td>
<td>Legal Environment of Business</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course will prepare students interested to pursue a career in the legal or business world. They must understand how the legal system functions as well as have a working knowledge of the rules and regulations that govern business. In the first section of this course, students will be introduced to various aspects of the law. In the second section, students will examine all aspects of business law including the judicial system, differences between types of laws and origins of laws, administrative and employment laws and laws impacting individuals as well as businesses. Students will also research real estate and debtor and creditor laws and regulations. Students will learn to support attorneys by conducting legal research. Compliance and contract law will be emphasized.</td>
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</tr>
<tr>
<td>BUS410</td>
<td>Employability Skills Certification</td>
<td>College / Career Readiness</td>
<td>HS</td>
<td>This course combines Career Development and Experiential Learning to provide students a sustainable practice of basic Employability Skills that include but aren't limited to professional ethics, teamwork, networking, professional best practices, and problem solving. Upon successful completion of this course, students receive a GA Employability Skills Certificate that guarantees they are qualified in these skills.</td>
<td>4-Q</td>
<td>GA</td>
<td>22152</td>
<td>Employability Skills</td>
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<tr>
<th>Course Code</th>
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<th>Degree</th>
<th>Course Description</th>
<th>Credits</th>
<th>Department</th>
<th>Course Code</th>
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<tr>
<td>BUS412</td>
<td>Experiential Learning 2</td>
<td>College / Career Readiness</td>
<td>HS</td>
<td>This course provides experiential learning credit for students who can verify work or volunteer experience that they connect to Employability Skills and their future College/Career Plans.</td>
<td>4-Q</td>
<td>GA</td>
<td>22152</td>
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<td>990365</td>
</tr>
<tr>
<td>BUS413</td>
<td>Experiential Learning 3</td>
<td>College / Career Readiness</td>
<td>HS</td>
<td>This course provides experiential learning credit for students who can verify work or volunteer experience that they connect to Employability Skills and their future College/Career Plans.</td>
<td>4-Q</td>
<td>GA</td>
<td>22152</td>
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<td>990365</td>
</tr>
<tr>
<td>BUS414</td>
<td>Experiential Learning 4</td>
<td>College / Career Readiness</td>
<td>HS</td>
<td>This course provides experiential learning credit for students who can verify work or volunteer experience that they connect to Employability Skills and their future College/Career Plans.</td>
<td>4-Q</td>
<td>GA</td>
<td>990365</td>
</tr>
<tr>
<td>BUS610</td>
<td>MSSC Certification - Manufacturing Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certification program. In this 4-quarter course students prepare for and take the MSSC examinations in Manufacturing Safety and Quality and Continuous Improvement. Once they pass the exams in each subject area, they earn nationally recognized employability credentials in those Manufacturing fields.</td>
<td>4-Q</td>
<td>GA</td>
<td>13002</td>
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<td>101300</td>
</tr>
<tr>
<td>BUS611</td>
<td>MSSC Certification – Certified Logistics Associate (CLA) Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certified Logistics Associate program. Students learn the basics to the logistics environment, global supply chain, and material handling equipment, safety, quality, communication, teamwork and computers. The program is designed to provide the trainee with foundational knowledge of the core competencies required for critical work</td>
<td>2-S</td>
<td>GA</td>
<td>101300</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Offered By</td>
<td>Grade</td>
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<tr>
<td>BUS612</td>
<td>MSSC Certification – Certified Logistics Technician (CLT) Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certified Logistics Technician program. Students engage in mid-level technical knowledge covering product receiving, product storage, order processing, inventory control, safe handling, transportation modes, and dispatch and tracking options. The program is designed to provide the trainee with mid-level knowledge of the core competencies required for higher skilled, front-line material handling workers across supply chain operations. You must have earned a CLA Certification to do the CLT program.</td>
<td>2-S</td>
<td>GA</td>
<td>101300</td>
</tr>
<tr>
<td>BUS613</td>
<td>MSSC Certification – Manufacturing Safety Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certification program for Certified Production Technician. In this semester course students prepare for and take the MSSC-CPT examinations in Manufacturing Safety. Once they pass the exam in that subject area, they earn nationally recognized employability credentials in that Manufacturing field.</td>
<td>1-S</td>
<td>GA</td>
<td>101300</td>
</tr>
<tr>
<td>BUS614</td>
<td>MSSC Certification – Manufacturing Quality Practices Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certification program for Certified Production Technician. In this semester course students prepare for and take the MSSC-CPT examinations in Manufacturing Quality Practices. Once they pass the exam in that subject area, they earn nationally recognized employability credentials in that Manufacturing field.</td>
<td>1-S</td>
<td>GA</td>
<td>101300</td>
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<td>Course Code</td>
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<tr>
<td>BUS615</td>
<td>MSSC Certification – Manufacturing Process Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certification program for Certified Production Technician. In this semester course students prepare for and take the MSSC-CPT examinations in Manufacturing Process. Once they pass the exam in that subject area, they earn nationally recognized employability credentials in that Manufacturing field.</td>
<td>1-S</td>
<td>GA</td>
<td></td>
</tr>
<tr>
<td>BUS616</td>
<td>MSSC Certification – Manufacturing Maintenance Career Readiness</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This course is part of the Nationally Recognized MSSC Certification program for Certified Production Technician. In this semester course students prepare for and take the MSSC-CPT examinations in Manufacturing Maintenance. Once they pass the exam in that subject area, they earn nationally recognized employability credentials in that Manufacturing field.</td>
<td>1-S</td>
<td>GA</td>
<td></td>
</tr>
<tr>
<td>BUS630</td>
<td>OSHA 10 Training Certification</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This is a 10-hour training course about safety in the workplace issues that culminates with the opportunity to earn an OSHA-10 certification</td>
<td>1-S</td>
<td>GA</td>
<td></td>
</tr>
<tr>
<td>BUS670</td>
<td>Foundations of Firefighting and Emergency Medical Services</td>
<td>Career/Tech</td>
<td>HS</td>
<td>Firefighting and Emergency Medical Services introduces students to the foundational concepts of firefighting safety and emergency medical services. In the first part of the course, students will analyze the Department of Public Safety Fire Protection and Emergency Medical Services rules and regulations in preparation for further studies in the field. In the second part of the course, students will study key topics relating to business, communications, regulations, and finances. Emphasis will be placed on skills needed to be a strong leader in the field.</td>
<td>2-S</td>
<td>GA</td>
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<tr>
<td>BUS671</td>
<td>Homeland Security</td>
<td>Career/Tech</td>
<td>In Homeland Security, students will learn techniques to secure and protect America’s people and infrastructure from natural and manmade disaster. Students will look at a range of issues including cyber security, intelligence gathering, and local emergency planning that can be applied in their own community. Students will also learn to manage critical incidents thought training in National Incident Management and the Incident Command System.</td>
<td>2-S</td>
<td>GA</td>
<td>15999</td>
<td>Public, Protective, and Government Service - other</td>
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<tr>
<td>COS110</td>
<td>Teen Living</td>
<td>Life Skills</td>
<td>In this course, students will learn to understand and cope with personal, family and social challenges common during transitional teenage years, with an emphasis on communication, decision-making skills and building stable relationships with family and peers. Students will identify and recognize personal communication styles and discuss the importance of quality communication skills as they relate to issues that impact teenagers, including self-concept, substance abuse, personal loss, dating, pregnancy and child abuse.</td>
<td>2-S</td>
<td>GA</td>
<td>22105</td>
<td>Values Clarification</td>
</tr>
<tr>
<td>COS211</td>
<td>Child Development for Caretakers</td>
<td>Life Skills</td>
<td>This course offers a basic introduction to the emotional, physical, and psychological development of a child. Students will explore several developmental models. Students will study the biological and chemical changes in children as they age as well as look into parenting resources.</td>
<td>2-S</td>
<td>GA</td>
<td>19255</td>
<td>Child Development/Parenthood</td>
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<td>Grade</td>
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<tr>
<td>COS212</td>
<td>Child Development Psychology</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>GA</td>
<td>19052</td>
<td>This course offers a basic introduction to the emotional, physical, and psychological development of young children. Students explore several developmental models and theories, along with biological, chemical, and behavioral changes children go through as they grow. Parenting and Caregiver resources are explored, along with roles of various family members and support systems.</td>
<td></td>
</tr>
<tr>
<td>COS410</td>
<td>Adult Roles and Responsibilities</td>
<td>Life Skills HS</td>
<td>1-S</td>
<td>GA</td>
<td>22008</td>
<td>Adult Roles and Responsibilities helps students prepare for independent living. This course prepares students to understand the nature, function, and significance of human relationships involving individuals and families. Topics include: family living, parenting, household and money management, decision-making skills, communication skills, self-awareness, crisis management, and the individual's roles and responsibilities within the family and community.</td>
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</tr>
<tr>
<td>EDU101</td>
<td>Foundations of Education and Training</td>
<td>Education HS</td>
<td>2-S</td>
<td>GA</td>
<td>19151</td>
<td>Students will examine the goals of education and training as well as environments in which education and training are delivered. They will identify learners' and stakeholders' roles, rights and responsibilities in educational systems; assess legal and ethical issues related to education; and determine careers of interest in education and training. Employability skills and state requirements for becoming an educator will also be addressed.</td>
<td></td>
</tr>
<tr>
<td>EDU111</td>
<td>Early Childhood Education Principles</td>
<td>Education HS</td>
<td>2-S</td>
<td>GA</td>
<td>19153</td>
<td>Students will examine the history and philosophy of early childhood education, types of early childhood programs, and the roles, rights and responsibilities of learners and stakeholders in early childhood education. Students will assess developmental</td>
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</tr>
<tr>
<td>ENG110</td>
<td>English 9</td>
<td>English</td>
<td>HS</td>
<td>In this course, students will focus on vocabulary development, comparing connotation with denotation and identifying word meanings using sentence structure. Reading instruction will stress inference; analysis of interesting and important information; character development and complex figurative language in narrative literature and poetry. Writing exercises will emphasize the comparison of multiple ideas and perspectives. Students will further develop skills in analytical evaluation and assessment of writing, including a study of the editing process and the evaluation of source materials.</td>
<td>4-Q 2-S</td>
<td>GA</td>
<td>1001 ELA I</td>
</tr>
<tr>
<td>ENG210</td>
<td>English 10</td>
<td>English</td>
<td>HS</td>
<td>In this course, students will engage in reading and writing exercises that promote vocabulary development, using connotative evaluation to better ascertain meaning through analogy and antonym context clues. Reading instruction focuses on electronic text, using explicit and implicit information to evaluate informational text, and on complex figurative language, including simile, metaphor, pun, symbolism and personification. Reading assignments will focus on how politics, history, and culture contribute to great literature. Writing assignments will focus on analysis and interpretation of multiple ideas and perspectives, with an emphasis on persuasive writing.</td>
<td>4-Q 2-S</td>
<td>GA</td>
<td>1002 ELA II</td>
</tr>
<tr>
<td>ENG310</td>
<td>English 11</td>
<td>English</td>
<td>HS</td>
<td>In this class, students will focus on developing skills for analysis and interpretation of texts that include multiple ideas and perspectives. Writing exercises will stress synthesis and conclusion-making skills, as well as developing experience with the editing process.</td>
<td>4-Q 2-S</td>
<td>GA</td>
<td>1003 ELA III</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Department</td>
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<tr>
<td>ENG410</td>
<td>English 12</td>
<td>English</td>
<td>HS</td>
<td>In this course, students will study English as it applies to work, professional training and higher education, with vocabulary studies in word etymologies, Latin roots and the cultural and social impact on the &quot;living&quot; language. Reading assignments will emphasize literary analysis, historical commentary, political statements and culturally and historically significant literary works. Writing assignments will emphasize cause and effect, analysis and refutation of opposing opinions, and important text connections.</td>
<td>4-Q</td>
<td>GA</td>
<td>1004</td>
</tr>
<tr>
<td>ENG411</td>
<td>Journalism</td>
<td>English</td>
<td>HS</td>
<td>In this course, students will explore the world of Journalism, and how it has evolved in the United States. Students will consider the implications of the United States Constitution, particularly the First Amendment, and how the rights and history of the United States have impacted the profession of Journalism. Lastly, students will explore Journalism in print, broadcast, and online content, and develop the skills necessary to be successful in all of these formats.</td>
<td>2-Q</td>
<td>GP</td>
<td>11101</td>
</tr>
<tr>
<td>ENG413</td>
<td>Public Speaking</td>
<td>English</td>
<td>HS</td>
<td>The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.</td>
<td>2-Q</td>
<td>GP</td>
<td>1151</td>
</tr>
</tbody>
</table>
### ENG414  Creative Writing
**English**  HS 4  0.5  2-Q  
For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

### ENG415  Mythology & Folklore
**English**  HS 4  0.5  1-S  
Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today.

### GAA100  Success Highways
**Life Skills**  HS 4  0.5  2-S  
This program focuses on students examining their own experiences and beliefs, and developing the skills they need to be successful. Moving forward, staying focused, and building motivation for themselves will be their key activities. Students will work in person to learn lessons and do activities that
In this course, students will develop the knowledge and skills necessary to self-assess, create, conduct and evaluate personal fitness programs. Students will demonstrate an understanding of the interrelationships of movement, fitness and nutrition for the performance of fitness activities and exhibit personal and social behaviors appropriate for physical activity settings.

In this course, students will develop an understanding of patterns of behavior that impact human health, with emphasis on the importance of balancing physical, mental, social, emotional and spiritual needs to achieve greater well-being. The class will stress the connection between healthy lifestyles and active, productive and successful lives.

In this course students will gain basic knowledge and recognize the clinical skills necessary to assess, plan, provide, and evaluate care to patients in varied healthcare settings. Students will discover first aid principles and techniques needed for response to choking, cardiopulmonary resuscitation, and other life-threatening emergencies. Emphasis will be placed on regulatory compliance, patient safety, pathophysiology, and medical interventions. Additionally, this course introduces psychomotor skills needed to assist individuals in meeting basic human needs.
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<th>Course Title</th>
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<th>Year</th>
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<tr>
<td>HPE309</td>
<td>Introduction to Health Care Careers</td>
<td>Health Science</td>
<td>HS</td>
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<td>In this course, students will discover different careers in the health care field. They will identify past and current trends in health care by reviewing the history of medicine. Then, they will explore the different health care pathways and learn about the different possibilities offered by this growing field. They will analyze the skills needed for a health care career and consider themselves in one of these roles. After taking this class, students are invited to enroll in the Medical Terminology course so they can start their career in a health care pathway.</td>
<td></td>
<td>1-S</td>
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<tr>
<td>HPE311</td>
<td>Medical Terminology</td>
<td>Health Science</td>
<td>HS</td>
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<td>In this course, the student will learn medical terminology, symbols and abbreviations, and the application of this language in the field of health care. Although the student will analyze terms related to body structure and function, the main focus will be on medical vocabulary and being able to construct terms using word parts such as roots, suffixes and prefixes.</td>
<td></td>
<td>2-S</td>
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<tr>
<td>HPE312</td>
<td>Introduction to Medical Assisting</td>
<td>Health Science</td>
<td>HS</td>
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<td>At the end of this course, you will have explored the role of the medical assistant, including professionalism, duties, responsibilities, and medical specialties. You will also be informed about medical law and ethics, office management, and compliance and regulatory issues affecting the role of the medical assistant.</td>
<td></td>
<td>2-Q</td>
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<tr>
<td>HPE313</td>
<td>Health Science</td>
<td>Health Science</td>
<td>HS</td>
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<tr>
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<td>Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and the measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases.</td>
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<td>2-Q</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Department</td>
<td>HS</td>
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<tr>
<td>HPE315</td>
<td>Health, Science, and Technology</td>
<td>Career/Tech</td>
<td>HS</td>
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<tr>
<td>HPE320</td>
<td>Anatomy &amp; Physiology and Human Disease</td>
<td>Health Science</td>
<td>HS</td>
</tr>
<tr>
<td>HPE420</td>
<td>Caregiver Core</td>
<td>Healthcare Education</td>
<td>HS</td>
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### MAT110 Algebra I

| Math | HS | In this class, students will build upon the foundations established in pre-algebra and basic mathematics to develop a growing understanding of how to perform operations and solve problems with real numbers. Students will focus on the importance of linear relations; develop fluency with the language and operations of algebra to analyze and represent relationships; and perform exercises in statistics and statistical methods to solve problems. |

### MAT210 Geometry

| Math | HS | In this course, students will explore geometry through inductive and deductive processes, technology, constructions, manipulatives and algebraic connections. Students will develop the structure of Euclidean geometry logically and apply the resulting theorems, proofs and formulas to address meaningful problems. Students will use experimentation and inductive reasoning to construct geometric concepts, discover geometric relationships and formulate conjectures. Students will employ deductive logic to construct formal logical arguments and proofs. |

### MAT300 Financial Math

| Math | HS | In the first quarter of Financial Math, students will examine the various ways that people earn money and how that money is managed, saved, and spent. The second quarter addresses the usefulness of both checking and savings accounts and how to manage them, as well as consideration of saving versus investing. Students will explore cash purchases, receipts, and sale prices. Students will apply the appropriate math concepts needed to successfully navigate the implications of every-day financial scenarios, and develop financial decision-making and planning skills. |

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<th>Grade</th>
<th>Instructor</th>
<th>Description</th>
<th>Credits</th>
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<tr>
<td>MAT310</td>
<td>Algebra II</td>
<td>HS</td>
<td>GA</td>
<td>In this course, students will build upon the knowledge previously learned in Algebra I and Geometry, expanding their ability to understand, perform operations and solve problems with real numbers. Students will focus on the importance of linear relations; develop fluency with the language and operations of algebra to analyze and represent relationships; and perform exercises in statistics and statistical methods to solve problems.</td>
<td>2-S</td>
<td>GA</td>
<td>2056 Algebra II</td>
<td>Algebra II</td>
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<tr>
<td>MAT311</td>
<td>Math Essentials</td>
<td>HS</td>
<td>GP</td>
<td>This course will reinforce and grow existing algebra and geometry skills to learn complex algebraic and geometric concepts students will need for further study of mathematics.</td>
<td>4-Q</td>
<td>GP</td>
<td>2074 Principles of Algebra &amp; Geometry</td>
<td>Mathematics I</td>
</tr>
<tr>
<td>MAT410</td>
<td>Pre-Calculus</td>
<td>HS</td>
<td>GP</td>
<td>In this course, students will expand their knowledge of quadratic, exponential and logarithmic functions to include power, polynomial, rational, piece-wise and trigonometric functions. Students will investigate and explore mathematical ideas, develop multiple strategies for analyzing complex situations and use graphing calculators and mathematical software to build understanding and solve problems.</td>
<td>4-Q</td>
<td>GP</td>
<td>2110 Pre-Calculus</td>
<td>Advanced Mathematics (Pre-Calculus)</td>
</tr>
<tr>
<td>MAT420</td>
<td>Calculus</td>
<td>HS</td>
<td>Thinkwell</td>
<td>In this course, students will study the branch of mathematics that deals with rates of change in continuous and varying quantities. The class will include exercises in the graphical, numerical, analytical and verbal representation of functions; derivative rates of change and the use of derivatives to solve a variety of problems; and derivative and definite integrals as expressed in both parts of the Fundamental Theorem of Calculus. Students will communicate mathematical solutions both orally and with the written word; use technology to help solve</td>
<td>4-Q</td>
<td>Thinkwell</td>
<td>2121 Calculus</td>
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problems, interpret results, and verify conclusions; and determine the reasonableness of solutions.

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<th>Description</th>
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<tbody>
<tr>
<td>MAT430</td>
<td>Statistics</td>
<td>Math</td>
<td>HS</td>
<td>In this course, students will complete statistical evaluations through advanced math calculations. Statistics coursework will explore a wide variety of data systems and models, and utilize statistical systems to graph, interpret, and draw conclusions from data. Additionally, students will further develop skills in calculating probability, mean, and understanding the distribution of data within a system.</td>
<td>2-Q</td>
<td>GP</td>
<td>2201 Probability &amp; Statistics</td>
<td>111500 Probability &amp; Statistics</td>
<td></td>
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</tr>
<tr>
<td>MKT110</td>
<td>Principles of Marketing</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, the student will explore factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. They gain a working knowledge of practical marketing and business vocabulary. They also evaluate how the actions of competitors influence marketing decisions in the global marketplace.</td>
<td>1-S</td>
<td>GP</td>
<td>12164 Principles of Marketing</td>
<td>040810 Marketing Management</td>
<td></td>
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</tr>
<tr>
<td>MKT111</td>
<td>Introduction to Social Media</td>
<td>Career/Tech</td>
<td>HS</td>
<td>Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on various social media platforms is crucial in order to survive and thrive in this age of digital communication. In this course, you'll learn the ins and outs of social media platforms such as Facebook, Twitter, Pinterest, Google+, and more. You'll also discover other types of social media you may not have been aware of and how to use them for your benefit—personally, academically, and eventually professionally as well. If you thought social media platforms were just a place to keep track of friends and share personal photos, this</td>
<td>1-S</td>
<td>GA</td>
<td>10204 Particular Topics in Media Technology</td>
<td>144015 Digital Marketing &amp; Management</td>
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</tbody>
</table>
course will show you how to use these resources in much more powerful ways.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Schedule</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT210</td>
<td>Sports and Entertainment Marketing</td>
<td>HS</td>
<td>1-S</td>
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<tr>
<td>MKT211</td>
<td>Marketing Principles</td>
<td>HS</td>
<td>2-S</td>
<td>4</td>
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<tr>
<td>Code</td>
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<tr>
<td>SCI100</td>
<td>Great Minds in Science</td>
<td>Science</td>
<td>HS</td>
<td>Is there life on other planets? What extremes can the human body endure? Can we solve the problem of global warming? Today, scientists, explorers, and writers are working to answer all of these questions. Like Edison, Einstein, Curie, and Newton, the scientists of today are asking questions and working on problems that may revolutionize our lives and world. This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.</td>
</tr>
<tr>
<td>SCI110</td>
<td>Earth Science</td>
<td>Science</td>
<td>HS</td>
<td>In this course, students will discuss multiple theories about the universe, the technology that supports these theories, and the movement of bodies within the universe. They will learn about characteristics that allow life to exist on Earth, and possibly elsewhere in the universe, as well as Earth’s plate boundaries, their movement, and the theories revolving around plate tectonics. Digging deeper, students will examine the Earth's surface to investigate the geothermal activity, and volcanic activity that influence life, climate, and geological formations on earth.</td>
</tr>
<tr>
<td>SCI120</td>
<td>Physical Science</td>
<td>Science</td>
<td>HS</td>
<td>In this course students investigate matter and explore its properties and states. They learn how the elements of matter are organized in the periodic table and examine different types of materials, including metals, ceramics, and radioactive substances.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
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<th>Course Description</th>
<th>Units</th>
<th>Grade</th>
<th>Notes</th>
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<tbody>
<tr>
<td>SCI1214</td>
<td>Marine Science</td>
<td>Science</td>
<td>HS</td>
<td>As our amazing planet continues to change over time, it becomes more and more apparent how human activity impacts the environment. In Marine Science, you will delve deep into Earth’s bodies of water and study its geologic structures, as well as how these structures impact the oceans. You will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our precious ecosystems. The Earth’s lakes and oceans have a tremendous impact on climate, weather, and the seasonal variations of ecosystems. You will have the opportunity to explore the relationships among living organisms and see how they are affected by ocean currents, tides, and waves.</td>
<td>4-Q</td>
<td>GP</td>
<td>03005 Marine Science</td>
</tr>
<tr>
<td>SCI1411</td>
<td>Research Methods</td>
<td>Science</td>
<td>HS</td>
<td>In this course, you will explore and apply the fundamentals of scientific research methodology by examining a social issue. You will develop a research question, find and evaluate existing research, and design and implement an objective research method. This course offers a step-by-step, systematic approach to conducting research. The emphasis is on using critical thinking, efficient research techniques, and the Internet to produce an in-depth research paper.</td>
<td>2-Q</td>
<td>GP</td>
<td>03212 Scientific Research &amp; Design</td>
</tr>
<tr>
<td>SCI210</td>
<td>Biology</td>
<td>Science</td>
<td>HS</td>
<td>In this course, students will study the ways in which ecosystems are shaped by interactions among living organisms and their physical environment. The class will emphasize the states of change and balance that are constantly at force on the environment and will study the role humans and other organisms play in impacting those states. Units will include an exploration of the composition of organisms; the relationship between organs and</td>
<td>4-Q</td>
<td>GP</td>
<td>03051 Biology</td>
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<tr>
<td>SCI213</td>
<td>Environmental Science</td>
<td>Science</td>
<td>HS</td>
<td>This course presents relationships between organisms and how these relationships relate to the functioning of ecosystems. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.</td>
<td>2-Q</td>
<td>GP</td>
<td>03003 Environmental Science</td>
</tr>
<tr>
<td>SCI310</td>
<td>Chemistry</td>
<td>Science</td>
<td>HS</td>
<td>In this course, students will study matter on Earth and the periodic table of elements, including the relationship that exists between chemical behavior and the structure of atoms. The class will include units on the periodic table, the emission of high-energy particles resulting from nuclear changes, chemical bonding, chemical reactions and dynamic equilibrium.</td>
<td>4-Q</td>
<td>GP</td>
<td>03101 Chemistry</td>
</tr>
<tr>
<td>SCI311</td>
<td>Astronomy</td>
<td>Science</td>
<td>HS</td>
<td>In this course, students will investigate their place in our universe with a focus on the planets and other small orbital bodies of the Sun, the Milky Way and other galaxies of the Local Group. Meanwhile, students will study important figures in space exploration and investigate how the social context in which those individuals existed contributed to their understanding and insights about the universe.</td>
<td>2-Q</td>
<td>GA</td>
<td>03004 Astronomy</td>
</tr>
<tr>
<td>SCI410</td>
<td>Physics</td>
<td>Science</td>
<td>HS</td>
<td>In this course, students will study matter, energy, electricity, magnetism, momentum and motion. Lessons will focus on how to measure the motion of an object in terms of position, time, velocity and acceleration; determine the relation between force, mass, and acceleration; determine the strength of gravitational and electric forces; and understand the properties and applications of waves.</td>
<td>4-Q</td>
<td>Thinkwell II</td>
<td>03151 Physics</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Department</td>
<td>Level</td>
<td>Description</td>
<td>Days</td>
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<tr>
<td>SKL112</td>
<td>College Readiness</td>
<td>Life Skills</td>
<td>HS</td>
<td>In this course, we will learn to be able to record daily, weekly, and monthly plans and take a look at how to apply time-management skills to meet responsibilities and reach goals. Look at how to take notes from oral and written forms of communication. We will also learn to apply the most effective study techniques based on the learning situation and desired outcome and examine how taking responsibility for actions and being a self-advocate are essential life skills.</td>
<td>1-Q</td>
<td>GA</td>
<td>22003 Study Skills</td>
</tr>
<tr>
<td>SOC110</td>
<td>World Geography</td>
<td>Social Sciences</td>
<td>HS</td>
<td>In this course, students will study &quot;the why of the where,&quot; exploring how to use geography as a tool to better understand the world in which they live. Learners will evaluate the impact of location, place, movement, region and human-environmental interactions. Emphasis will be placed understanding the human and physical characteristics of places and regions; examining the physical processes and human activities that shape the earth’s surface; and applying geographic knowledge to social and political events in history and the modern world</td>
<td>2-S</td>
<td>GA</td>
<td>04001 World Geography</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Department</td>
<td>Level</td>
<td>Description</td>
<td>Credits</td>
<td>Type</td>
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<tr>
<td>SOC112</td>
<td>Introduction to Sociology</td>
<td>Social Sciences</td>
<td>HS</td>
<td>In this course, you will explore sociological processes that underlie everyday life. You will learn about globalization, cultural diversity, critical thinking, new technology, and the growing influence of mass media.</td>
<td>2-Q</td>
<td>GP</td>
<td>04285 Sociology</td>
</tr>
<tr>
<td>SOC210</td>
<td>World Civilizations</td>
<td>Social Sciences</td>
<td>HS</td>
<td>In this course, students will investigate the interrelationships, over time, of the world's peoples, including the impact of &quot;colliding&quot; areas of the world and the political, economic, social, philosophical, religious, scientific, technological and artistic contributions of many of the world's most influential civilizations. Units of study will include ancient and classical civilizations; the Middle Ages; the ages of revolution, imperialism and industrialism; and the modern world.</td>
<td>4-Q</td>
<td>GA</td>
<td>04051 World History</td>
</tr>
<tr>
<td>SOC212</td>
<td>Personal Psychology</td>
<td>Social Sciences</td>
<td>HS</td>
<td>In this course, students will explore the foundations of Psychology, including major researchers and theorists, as well as their theories of mental, emotional, and moral development. Students will explore the stages of development from infancy through adolescence, as defined by different psychologists. Finally, students will understand the importance of Mental Health and Psychology within our society, and how greater understanding of the mind can create a more empathetic society.</td>
<td>4-Q</td>
<td>GP</td>
<td>04255 Topics in Psychology</td>
</tr>
<tr>
<td>SOC213</td>
<td>Introduction to Social Issues in Society</td>
<td>Social Sciences</td>
<td>HS</td>
<td>Students will learn more about the challenges facing societies and the relationships between societies, governments, and individuals in these areas. Each unit will focus on a particular area of social concern, often with a global view, and examine possible solutions at both a structural and individual level.</td>
<td>4-Q</td>
<td>GP</td>
<td>15203 Public Policy</td>
</tr>
</tbody>
</table>
### SOC310 U.S. History

**Social Sciences HS**

In this course, students will study the role of and investigate the relationship between events of different time periods in American history; beginning with an exploration of the nation’s pre-reconstruction period. Learners will further study the significance of the American Revolution in the industrial development of the United States; understand the structure and function of the United States government established by the Constitution; explore the territorial growth of the United States before the Civil War; examine the expansion of the political system and social rights before the Civil War; and understand the significance of the Civil War Era to the United States.

<table>
<thead>
<tr>
<th>4-Q</th>
<th>GA</th>
<th>04101 US History</th>
<th>150810 American History</th>
</tr>
</thead>
</table>

### SOC311 Psychology

**Social Sciences HS**

In this course you will learn more about yourself and others including how to break a habit and how to cope with stress. The purpose of this course is to introduce you to the psychological facts, principles, and phenomena associated with each of the subfields within psychology.

<table>
<thead>
<tr>
<th>2-Q</th>
<th>GP</th>
<th>04254 Psychology</th>
<th>151121 Psychology</th>
</tr>
</thead>
</table>

### SOC312 Sociology

**Social Sciences HS**

The world is becoming more complex. How do your beliefs, values and behavior affect the people around you and the world we live in? In this increasingly connected world, students will examine problems in our society and learn how human relationships can influence the life of the student. Exciting online video journeys to different areas of the world are also presented in the course.

<p>| 2-Q | GP | 04258 Sociology | 151300 Sociology |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit</th>
<th>Requirement</th>
<th>Course Title</th>
<th>Department</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC313</td>
<td>Current World Issues</td>
<td>Social Sciences</td>
<td>2-S</td>
<td>GA</td>
<td>04064 Contemporary World Issues</td>
<td>Social Sciences</td>
<td></td>
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<tr>
<td></td>
<td>This course explores major issues facing our world today, including social, economic and political issues. Students have the opportunity to conduct research and open-mindedly consider all sides of an issue. Students will study the causes and effects of global issues as they cross cultures and span across time. Students will write informal reflection journals as well as more formal proposals. Students will also create presentations that show a clear understanding of the complexity of various issues.</td>
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<tr>
<td>SOC314</td>
<td>Pacific Northwest History</td>
<td>Social Sciences</td>
<td>1-S</td>
<td>GA</td>
<td>04105 State Specific Studies</td>
<td>Social Sciences</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This course offers a comprehensive study of the history of the Pacific Northwest with a specific focus on the state of Washington. Students will study the geography, natural resources, industry, agriculture, as well as the native peoples of the area and the migration west.</td>
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<tr>
<td>SOC410</td>
<td>U.S. Government</td>
<td>Social Sciences</td>
<td>4-Q 2-S</td>
<td>GA</td>
<td>04151 US Government</td>
<td>Social Sciences</td>
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<tr>
<td></td>
<td>In this course, students will be introduced to the concept of government, politics, and civic life. They will examine the origins, functions, and structure of our government and discuss the principles and values that the U.S. Constitution promotes. They will study political structure and process, including political parties, voting, and foreign policy. Students will also describe and evaluate the civic and personal responsibilities of citizens, including what it means to be a member of a state and the nation. They will research a public issue, evaluate how to make a reasoned argument, and propose solutions. They will also examine the impact of media on the political process and on social opinion. As a final project, they will research a local community service project and describe how the experience relates to the American ideal of participation.</td>
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</table>
### SOC411: Economics

Social Sciences

In quarter one of this course, students will be introduced to the economic way of thinking and the role of economists, markets, and entrepreneurs in the economy. Students will analyze economic systems and market structures and will learn more about labor relations. In quarter two, students will learn about economic indicators, banking, and personal finance. Students will complete activities related to banking and economic basics as well as their personal economics.

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Type</th>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>2-Q, 1-S</td>
<td>GA</td>
<td>04201</td>
<td>Economics</td>
</tr>
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</table>

### SPN110: Spanish I

Language

The goal of the course is to teach the student how to read, write, listen, and understand Spanish. This is a first year class in the Spanish language. Students will learn the alphabet and numerals as well as basic vocabulary for various situations, including shopping, meeting up with friends and traveling. Students will also learn basic verb conjugation skills. In this course, students will learn to engage in conversations, provide and obtain information, express feelings and emotions, and exchange opinions in written and oral Spanish. Learners will demonstrate an understanding of the relationship between the practices, products and perspectives of Hispanic culture.

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<tr>
<th>Quarter</th>
<th>Type</th>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>4-Q</td>
<td>GP</td>
<td>24052</td>
<td>Spanish I</td>
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</tbody>
</table>

### SPN210: Spanish II

Language

In Spanish II, students travel virtually through Central America and the Caribbean, spending time in museums, traffic jams, and even the hospital. In this course, students broaden their Spanish vocabulary and their knowledge of grammar. They meet people from many different countries and cultures. While waiting for the plane ride home, students also meet some Spanish-speaking people from different parts of the United States. The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills.

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<tr>
<th>Quarter</th>
<th>Type</th>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>4-Q</td>
<td>GP</td>
<td>24053</td>
<td>Spanish II</td>
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</table>

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Students also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Program</th>
<th>Department</th>
<th>Description</th>
<th>Semester</th>
<th>Section</th>
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<th>Department</th>
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<tr>
<td>TAA102-1</td>
<td>I Will Graduate Q1</td>
<td>Program Onboarding</td>
<td>HS</td>
<td>I Will Graduate is designed to give students and introduction to the learning environment used by GA. The online learning environment is the primary area in which students learn, study, complete assignments, and take assessments for their courses. In this course, students learn: how the program works, how to contact members of the support team, how to create a study program, and how to get started with their HS and Beyond Plan. Students will also work through a number of short assessments that will help them and their academic coaches create a learning plan for the year.</td>
<td>1-Q</td>
<td>GA</td>
<td>22102</td>
<td>School Orientation</td>
<td>GA</td>
<td>090192</td>
<td>GRADS - Intervention</td>
</tr>
<tr>
<td>TCH101</td>
<td>Introduction to Information Technology Careers</td>
<td>Career/Tech</td>
<td>HS</td>
<td>In this course, students will discover different careers in the Information Technology field. They will explore three main areas: hands-on roles, creative roles, and administration/ programming roles. They will examine various positions such Help Desk Technician, Web Developer, and Mobile Application Developer. They will learn about the tasks and responsibilities expected as well as the possibilities offered by a job in this growing field. They will analyze the skills needed for an information technology career and consider themselves in one of these roles.</td>
<td>1-S</td>
<td>GA</td>
<td>10001</td>
<td>Introduction to Computer Technology</td>
<td>TCH101</td>
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<tr>
<td>TCH111</td>
<td>Information Technology</td>
<td>Career/Tech</td>
<td>HS</td>
<td>This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.</td>
<td>2-S</td>
<td>GA</td>
<td>10003</td>
<td>Computer and Information Technology</td>
<td>145005</td>
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<td>Information Technology</td>
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<th>Career/Technology</th>
<th>HS Level</th>
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<th>Course Code</th>
<th>Course Title</th>
<th>Career/Technology</th>
<th>HS Level</th>
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<tr>
<td>TCH300</td>
<td>Digital Literacy (IC3 Certification)</td>
<td>Career/Tech HS</td>
<td>1-S</td>
<td>This Digital Literacy course introduces students to computing fundamentals. Students will learn how a computer works, including operating systems, storage, and software. Basic applications are covered, and students learn the fundamentals of word processing, spreadsheets, databases, graphics, presentations, and multimedia skills. In addition, the course covers the Internet, networking, and communications. Students will learn the basics of telecommunications, understanding how networks work, the history and operation of the internet. Internet research and reliable sources, professional &amp; personal email and messaging communication, social networking, and internet security are also covered. Students will learn to use the internet responsibly and effectively in this course. This course will prepare students to take the assessment called IC3. Passing this assessment earns students a nationally recognized certification in Digital Literacy, which they can use in job searches and applications for higher education.</td>
<td>2-S</td>
<td>GA</td>
<td>10004 Computer Applications</td>
<td>290050 Computer Literacy</td>
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</tr>
<tr>
<td>TCH301</td>
<td>Web Design</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Web-based protocols such as FTP, TCP/IP, and HTTP will be addressed. Students will create a website with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables.</td>
<td>2-S</td>
<td>GA</td>
<td>05254 Web Design</td>
<td>05102018 Web Design</td>
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<tr>
<td>TCH302</td>
<td>3D Techniques</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>In this course, students will use current industry standard, commercial, and open source programming software to create 3D visual elements in a web or standalone environment. Students will learn aspects of computer visual production, thought, and application; to map out, design, and test three-dimensional elements.</td>
<td>2-S</td>
<td>GA</td>
<td>10203 Interactive Media</td>
<td>145120 3D Techniques</td>
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<td>Level</td>
<td>Description</td>
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<tr>
<td>TCH312</td>
<td>Programming</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>In this course, students will learn the basics of building simple interactive applications. Students will learn the basic units of logic: sequence, selection, and loop. Students will apply algorithmic solutions to problem-domain scenarios. Students will gain experience in using commercial and open source languages, programs, and applications.</td>
<td></td>
<td>GA</td>
<td>10152</td>
<td>Computer Programming</td>
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<td>TCH313</td>
<td>Computer Hardware</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>In this course, students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized.</td>
<td></td>
<td>GA</td>
<td>10252</td>
<td>Computer Maintenance</td>
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<td>TCH314</td>
<td>Networking</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>In this course, students will apply fundamental principles of IT, including the history of IT and its impact on society, common industry terms, systems theory, information storage and retrieval, database management, and computer hardware, software, and peripheral device configuration and installation. This base of knowledge and skills may be applied across the career field. The first part of the course will focus on project planning, equipment, security, and problem solving. The second part of the course explores specific networking topics.</td>
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<td>GA</td>
<td>10102</td>
<td>Networking Systems</td>
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<tr>
<td>TCH315</td>
<td>Foundations of Web and Game Design</td>
<td>Career/Tech HS</td>
<td>2-S</td>
<td>This course introduces students to the foundational concepts of web and game design. In the first part of the course, students will learn about the web and mobile computing environments concluding with an exposure to computer programming. In the second part of the course, students will study key elements of game design with emphasis placed on industry standard programming language constructs that will build their capability in game design.</td>
<td></td>
<td>GA</td>
<td>10203</td>
<td>Interactive Media</td>
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