

History Social Science

Your child will learn to:

The Emergence of Civilizations

- Describe how the invention of agriculture related to settlement, population growth, and the emergence of civilization.
- Identify the various characteristics of civilizations (e.g., presence of geographic boundaries and political institutions, economy that produces food surpluses, concentration of population).

Mesopotamia

- Identify and discuss polytheism.
- Explain how irrigation, metalsmithing, slavery, domestication of animals, and inventions all contributed to Mesopotamian civilizations.
- Identify and describe important achievements.

Egypt

- Describe the role of the pharaoh as god/king.
- Describe and discuss the polytheistic religion.
- Summarize important achievements of Egyptian civilization.

Phoenicia

- Explain how the successors to the Minoans dominated maritime trade.
- Describe the Phoenician writing system.

Israel

- Identify the ancient Israelites, or Hebrews, and trace their migrations from Mesopotamia.
- Describe and discuss the monotheistic religion.
- Describe the unification of the tribes of Israel.
- Explain the expulsion/dispersion of the Jews.

Greece

- Identify the geographic location of Athens and other city-states.
- Explore the beginnings of early democracy.
- Describe the status of women and the function of slaves in ancient Athens.
- Describe the tradition of athletic competitions.
- Analyze the causes, course, and consequences of the Persian Wars and Peloponnesian Wars.
- Describe myths and stories of classical Greece.

Rome

- On a historical map, identify ancient Rome and trace the extent of the Roman Empire.
- Explain the rise of the Roman Republic and the role of related mythical and historical figures.
- Describe the government of the Roman Republic and the influence of Julius Caesar.
- Explain the contributions of Roman civilization to law, literature, poetry, architecture, etc.
- Explain the influence of the Roman alphabet and the Latin language.

Our Middle Schools

Florence Sawyer School
Emerson Wing
Grades PreK-8
100 Mechanic Street
Bolton, MA 01740
(978) 779-2821

Hale Middle School
Grades 6-8
55 Hartley Road
Stow, MA 01775
(978) 897-4788

Luther Burbank Middle School
Grades 6-8
1 Hollywood Drive
Lancaster, MA 01775
(978) 365-4558

District Administration

Michael L. Wood
Superintendent of Schools

George P. King, Jr.
Assistant Superintendent of Schools

About this Brochure

The curricular highlights in this brochure are broad key areas of study for each core content area. The Nashoba Regional School District prides itself on personalized learning for all. Your child's academic experience will vary based on individual developmental needs and ability.

Nashoba Regional School District

Sixth Grade Curriculum Highlights



*"Educating all Students to their
Fullest Potential"*

A Brochure for Parents
of:

Bolton
Lancaster
Stow

Department of
Teaching and Learning

(978)779-0539

English Language Arts

Reading: Text complexity and academic language

Grade 6 students will continue to experience growing text complexity in both literature and informational text. Students will learn to make fuller use of text, make connections between ideas and texts, cite and analyze textual evidence, and think critically to evaluate the validity of textual claims. Students will engage in work with complex academic language, figurative language, and multiple meaning words in reading, speaking, and listening.

Writing: Text types, responding to text, and research

Continuing from the work begun in elementary school, Grade 6 students will write narratives, persuasive essays, and informational text. Using the writing process, students will produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. Writing in Grade 6 will include the gathering of information for research using multiple print and digital sources.

Speaking and Listening: Flexible communication

Students will develop their skills in collaboration and communication through informal discourse, classroom discussions and formal oral presentations. They will present their ideas through speaking and visual aids and learn to be reflective listeners.

Language: Conventions

Language standards include grammar and spelling conventions as well as the appropriate use of informal language.

For more information on more specific grade level standards see: <http://www.doe.mass.edu/frameworks/ela/0311.pdf>

Mathematics

Your child will learn to:

Standards for Math Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for an express regularity in repeated reasoning

Ratios and Proportional Relationships

- Understand ratio concepts and use ratio reasoning to solve problems.

The Number System

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.

Expressions and Equations

- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.

Geometry

- Solve real-world and mathematical problems involving area, surface area, and volume.

Statistics and Probability

- Develop understanding of statistical variability.
- Summarize and describe distributions.

For more information on more specific grade level standards see: <http://www.doe.mass.edu/frameworks/math/0311.pdf>

Science & Technology/Engineering

Your child will learn to:

Scientific Method

- Apply the scientific method and the metric system to laboratory work.
- Recognize how to use appropriate laboratory tools, measurements, and techniques.

Earth and Space

- Explain the relationship between the Sun's energy and global climate patterns.
- Explain the differences in the thermal properties of water, land, and the atmosphere.
- Identify the four major layers of the Earth.
- Describe the processes of weathering, erosion, and deposition.
- Describe how the movement of the Earth's crustal plates causes change in the Earth's surface.
- Explain how physical evidence supports theories that the Earth has evolved over geologic time.
- Utilize the various physical attributes of maps.
- Interpret and use topographic maps.
- Create models of the Earth's common physical features.

Life Science

- Identify how ecosystems have changed throughout geologic time.
- Describe how changes may be catastrophes such as volcanic eruptions or ice storms.

Physical Science

- Characterize the properties of the three main states of matter.
- Measure matter using various laboratory instruments.
- Know the differences between elements, compounds, and mixtures.

Technology/Engineering

- Use appropriate materials, tools, and machines to solve problems, invent, and construct.
- Apply engineering design as an interactive process to develop technological solutions to problems.
- Communicate through engineering drawings, written reports, and pictures.
- Use manufacturing processes to convert raw materials into physical goods involving multiple industrial processes.

The learning standards for Technology/Engineering cover the grade span from 6–8 as students are seen on a more limited schedule over the three year time span rather than a focused one year curriculum. Grade 6 students will be INTRODUCED to the learning standards. Grade 7 students will have the standards REINFORCED. Grade 8 students will achieve MASTERY of the standards.