

History Social Science

Massachusetts History

Your child will learn about the history, culture, and economics of Massachusetts from the time of the arrival of the Pilgrims. He/she will explore local historic resources to understand the history of his/her own town and the contributions of important leaders and figures in Massachusetts history.

Your child will learn to:

History of "Our Town"

- Identify when *Bolton*, *Lancaster*, and/or *Stow* were founded.
- Describe the experience of early settlers.
- Identify historic town buildings, monuments, and sites and explain their purpose and significance.
- Explain the importance of town customs.
- Use information from local historical societies to explain how people lived in the past and how life has changed.

History of "Our State"

- Study Massachusetts' history from the time of the arrival of the Pilgrims through the American Revolution.
- Identify Revolutionary leaders, such as John Adams, Samuel Adams, John Hancock, and Paul Revere.

Geography

- Expand knowledge and application of map skills (e.g., cardinal directions, map scales, legends, and titles).
- On a map identify the New England states.
- On a map of Massachusetts, locate *Bolton*, *Lancaster*, and *Stow*.
- Identify local geographic features and landmarks.
- Compare a contemporary town map with a town map from the 18th, 19th, or early 20th century.

Civics and Government

- Identify key American documents, including the Declaration of Independence, the Constitution, and the Bill of Rights.
- Understand the purpose of government and people's "say" in government.

Economics

- Give examples of tax-supported facilities and services supported by local government (e.g., public schools, parks, police and fire departments).

Our Elementary Schools

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

Mary Rowlandson Elementary School
Grades PreK-5
103 Hollywood Drive
Lancaster, MA 01523
(978) 368-8482

Center School
Grades PreK-5
403 Great Road
Stow, MA 01775
(978) 897-0290

District Administration

Brooke Clenchy
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

Third 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

By the end of trimester 3, a proficient student is able to:

Speech, Listening and Language

- Engage in collaborative conversations.
- Report on a topic or text.
- Demonstrate command of the conventions of standard English grammar when speaking.

Reading and Literature

- Read grade-level text with sufficient accuracy and fluency.
- Know and apply grade-level phonics and word analysis skills in decoding words.
- Use strategies to determine the meaning of words.
- Refer to examples and details to demonstrate understanding of text.
- Ask and answer questions to demonstrate understanding of text.
- Recount and describe fictional story elements.
- Understand text structure and main purpose of informational text.

Writing

- Demonstrate proper use of capitalization and punctuation.
- Demonstrate command of standard English grammar.
- Spell grade-level words correctly.
- Use the writing process to develop and strengthen writing.
- Write clear and supported opinion pieces.
- Write sequenced and descriptive narratives.
- Write informative / explanatory texts to convey information.

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

Mathematics

By the end of trimester 3, a proficient student is able 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

Operations and Algebraic Thinking

- Represent and solve problems involving multiplication and division.
- Understand properties of multiplication and the relationship between multiplication and division.
- Multiply and divide within 100.
- Solve problems involving the four operations, and identify and explain patterns in arithmetic.

Number and Operations in Base Ten

- Use place value understanding and properties of operations to perform multi-digit arithmetic.

Number and Operations—Fractions

- Develop understanding of fractions as numbers.

Measurement and Data

- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
- Represent and interpret data.
- Geometric measurement: understand concepts of area and relate area to multiplication and to addition.
- Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.

Geometry

- Reason with shapes and their attributes.

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

1.

Science & Technology/Engineering

By the end of trimester 3, a proficient student is able to:

Earth and Space Science

- Use graphs and tables of local weather data to describe and predict typical weather during a particular season in an area.
- Obtain and summarize information about the climate of different regions of the world to illustrate that typical weather conditions over a year vary by region.
- Evaluate the merit of a design solution that reduces the damage caused by weather.

Life Science

- Classify plants and animals according to shared physical properties.
- Identify plant structures (leaves, roots, flowers, stem, bark, and wood) and their functions.
- Recognize that plants and animals go through predictable life cycles (birth, growth, development, reproduction, and death).
- Describe the major stages of metamorphosis.

Physical Science

- Differentiate between properties of objects and properties of materials.
- Compare and contrast solids, liquids and gases based on basic properties.
- Understand the role of heat in changing the state of water (evaporation, condensation, freezing and melting).

Technology/Engineering

- Explore the use of materials and tools to accomplish a design task.
- Identify appropriate materials and tools for building a prototype.
- Recognize relevant design features for building a prototype.
- Identify natural and mechanical systems that are designed to serve similar purposes.