

History Social Science

U.S. History: Early Exploration to Westward Movement

Your child will experience his/her first concentrated study of the formative years of U.S. history in fifth grade. The study will begin with the major pre-Columbian civilizations in the New World and conclude with the growth of the Republic United States to 1820. During the year, your child will also explore the early development of democratic institutions, including the ideas and events that ultimately led to the formation of our national government under the U.S. Constitution.

Your child will learn to:

History

- Describe the experiences of 15th and 16th century explorers.
- Identify the three major pre-Columbian civilizations (Maya, Aztec, and Inca).
- Investigate the earliest settlements in North America and the relationships between English settlers and the indigenous people.
- Explore the political, economic, and social development of the English colonies in the 17th and 18th century.
- Develop an understanding of how the United States government was shaped.
- Explain how the U.S. Constitution evolved.
- Describe the first four presidencies.
- Describe the causes of the war of 1812 and the America's developing nationalism.
- Explain the various reasons for the pioneer movement west.
- Develop an awareness of the key issues contributing to the Civil War.

Civics and Government: American Constitutional Government

- Describe the basic principles of American democracy (e.g., individual rights, equality, limited government).
- Identify the three branches of government.
- Identify the rights in the Bill of Rights.
- Explain how American citizens are able to bring about changes in government.

Geography

- Apply map skills to locate North and South Poles, the Equator, the Prime Meridian, and the Northern, Southern, Eastern, and Western Hemispheres.

Economics

- Explore the meanings of supply and demand, profit, and entrepreneurship.

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

Fifth 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 reflectively in collaborative discussions.
- Demonstrate command of the conventions of standard English grammar.

Reading

- Read grade-level text with sufficient accuracy and fluency to support comprehension.
- Cite examples and details to demonstrate an understanding of text.
- Ask and answer questions to demonstrate an understanding of text.
- Determine the theme and main idea of a text evidenced by key details.
- Demonstrate the ability to summarize the text.
- Use textual detail to compare and contrast characters and/or relationships or events.
- Determine the meaning of words as they are used in the text, including figurative language.
- Demonstrate understanding of author's purpose and text structure.

Writing

- Demonstrate proper use of capitalization, punctuation and spelling when writing.
- Demonstrate command of standard English grammar.
- Use the writing process to develop writing by planning, revising, editing and rewriting.
- Write clear and supported opinion pieces.
- Write sequenced and descriptive narratives.
- Write informative/explanatory text 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:

Operations and Algebraic Thinking

- Write and interpret numerical expressions.
- Analyze patterns and relationships.

Number and Operations in Base Ten

- Understand the place value system.
- Perform operations with multi-digit whole numbers and with decimals to hundredths.

Number and Operations—Fractions

- Use equivalent fractions as a strategy to add and subtract fractions.
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

The Number System

- Gain familiarity with concepts of positive and negative integers.

Measurement and Data

- Convert like measurement units within a given measurement system.
- Represent and interpret data.
- Geometric measurement: Understand concepts of volume and relate volume to multiplication and to addition.

Geometry

- Graph points on the coordinate plane to solve real-world and mathematical problems.
- Classify two-dimensional figures into categories based on their properties.

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

Science & Technology/Engineering

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

Earth and Space Science

- Argue that the Sun is a star that appears larger and brighter than other stars because it is closer to Earth.
- Use a model to communicate Earth's relationship to the Sun, Moon, and other stars that explain patterns throughout the year.
- Use a model to describe the cycling of water through a watershed.
- Describe and graph the relative amounts of salt water on Earth's surface to provide evidence about the availability of fresh water.
- Obtain and combine information about ways communities reduce human impact on the Earth's resources and environment.

Life Science

- Discuss the difference between inherited and non-inherited characteristics and how they may change over time.
- Give examples of how inherited characteristics may change over time as organisms adapt to the environment.

Physical Science

- Describe properties of heat, electric, and magnetic energy.
- Recognize that energy is the ability to cause motion or create change.
- Give examples of the transfer of energy.
- Describe properties of electricity and identify conductors and insulators.
- Describe properties of magnetism and the way electromagnets work.
- Classify objects and materials that a magnet will attract.

Technology/Engineering

- Identify materials and tools to accomplish a design task.
- Identify and explain relevant design features for building a given prototype safely.
- Identify a problem that reflects the need for shelter, storage, or convenience.
- Compare natural systems with mechanical systems that are designed to serve similar purposes.