

SOCIAL STUDIES

Students will:

- Read and understand print and non print resources to acquire knowledge
- Acquire and apply relevant vocabulary of ancient civilizations
- Compare information shown on historical and modern maps of the same region
- Construct and interpret timelines
- Describe how historians use archeological evidence including primary sources, secondary sources, oral traditions, and artifacts
- Explain how the physical and social environment affects the development of ancient civilizations
- Acquire knowledge about the beginnings of human society and the ancient cultures in the Fertile Crescent, Egypt, Nubia, Greece, and Rome
- Describe the polytheistic or monotheistic religion of each ancient civilization
- Define and use appropriate terms relating to the civics and governments of ancient societies
- Define and apply economic concepts connected with ancient societies
- Identify how key historical figures impacted ancient societies
- Analyze the causes, course, and consequences of ancient military conflicts and wars
- Identify and describe important achievements of each ancient civilization related to systems of writing, oral traditions in literature, architecture, art, engineering and technology, science and medicine, and codes of laws



OUR MISSION

The Pentucket Regional School District seeks to inspire its students with a love of learning and to enable them to develop their academic potential and individual talents in an atmosphere that cultivates independent thinking. We will prepare our students to develop respect for others and to be responsible citizens of a global society.

OUR VALUES

Respect
Accountability
Integrity
Opportunity

Schools in the Pentucket Regional School District are dedicated to providing an up-to-date and challenging curriculum at each grade level. These curriculum brochures represent an overview of the comprehensive competencies at each grade level and in each subject and/or specialist area. Students and parents are able to review the rich curriculum offered in our District.

Pentucket Regional School District does not discriminate on the basis of race, color, religion, national origin, gender, sexual orientation, disability, or age.



Dr. Frederick N. Sweetsir School
104 Church Street
Merrimac, MA 01860
Tel: 978-346-8319/Fax: 978-346-7844
Grades Pre K-2

Helen R. Donaghue School
2 Union Street Extension
Merrimac, MA 01860
Tel: 978-346-8921/Fax: 978-346-7839
Grades 3-6

Dr. Elmer S. Bagnall School
253 School Street
Groveland, MA 01834
Tel: 978-372-8856/Fax: 978-521-8956
Grades Pre K-6

Dr. John C. Page School
694 Main Street
West Newbury, MA 01985
Tel: 978-363-2671/Fax: 978-363-2234
Grades Pre K-6

Pentucket Regional Middle School
20 Main Street
West Newbury, MA 01985
Tel: 978-363-2957/Fax: 978-363-2720
Grades 7-8

Pentucket Regional High School
24 Main Street
West Newbury, MA 01985
Tel: 978-363-5507/Fax: 978-363-2730
Grades 9-12

Central Services
Office of the Superintendent
Office of the School Committee
22 Main Street
West Newbury, MA 01985
Tel: 978-363-2280/Fax: 978-363-1165

Visit us @ www.prsd.org



GRADE 6 CURRICULUM



PENTUCKET REGIONAL SCHOOL DISTRICT

Groveland
Merrimac
West Newbury

Pentucket ... a culture of continuous learning

ENGLISH / LANGUAGE ARTS

Students will:

- Summarize the plot by identifying main events, conflicts, climax, and resolutions
- Show understanding of literary elements: characterization, setting, and theme
- Read and identify the traits of a variety of genres including poetry, myths, legends, drama
- Identify and explain author's style and point of view
- Identify and analyze sensory details and figurative language
- Use common text features of non-fiction (table of contents, glossary, index, visuals, etc.) for understanding
- Recognize and compose organizational structures (chronological order, logical order, cause and effect, classification)
- Write with a clear focus, coherent organization, and sufficient detail for different audiences and purposes
- Revise to demonstrate improvement in organization, accurate content, topic development, word choice, sentence variety, style, tone, and voice
- Apply standard English conventions in their writing, revising, and editing (includes spelling)
- Acquire and apply new vocabulary and use it correctly
- Understand and apply English grammar including word origins, parts of speech, and sentence structure



ENGLISH / LANGUAGE ARTS

(continued)

Students will:

- Write an interpretation or explanation of a literary or informational text using evidence from the text for support
- Create a research paper using information gathered from a variety of text and media sources and analyze and evaluate the quality of the information
- Use a variety of strategies to answer open response questions
- Pose relevant questions, listen to the ideas of others and contribute their own ideas in discussions to acquire new knowledge
- Demonstrate understanding of various media and methods of propaganda
- Design and create coherent media productions

MATHEMATICS

Students will:

- Draw, interpret, and describe various graphs and use landmarks of data and accurately use a percent circle
- Solve numerations using decimals (add, subtract, multiply, and divide) using various algorithms
- Read and write numbers in different forms (standard, number and word, and scientific notation) for large and small numbers
- Write and evaluate algebraic expressions using variables for special cases and general patterns
- Simplify algebraic expressions by combining like terms

MATHEMATICS

(continued)

Students will:

- Add, subtract, multiply, and divide fractions and mixed numbers with like and unlike denominators
- Convert fractions to decimals and percents using division
- Represent data using circle graphs
- Measure, construct, and classify angles using a protractor and compass
- Plot ordered number pairs in four quadrants and demonstrate the relationship between endpoints and midpoints using coordinate grids
- Construct congruent figures using a compass and straight edge
- Add, subtract, multiply, and divide positive and negative numbers
- Evaluate expressions using order of operations
- Solve equations by using pan balance method
- Find probability outcomes using random numbers, tree diagrams, and Venn diagrams
- Use rates, rate table methods and proportions to solve rate problems
- Solve proportions using cross multiplication and percents
- Use the distributive property of multiplication over addition and subtraction of area models
- Use formulas to find area and perimeter of all polygons
- Use and create a variety of tessellations



SCIENCE

Students will:

- Compare time keeping devices including natural cycles and explain how they change over time
- Draw, interpret and describe units and measures of time
- Identify four states of matter
- Identify the structure of the atom and molecules
- Begin to understand and interpret the Periodic Table and how it is organized
- Understand and demonstrate differences between chemical and physical changes
- Define solutions, mixtures, and solvents
- Define acids and bases and identify common examples of each
- Demonstrate the Scientific Method to investigate and create a product (to present at the annual school science fair)
- Understand how to read and create data tables to produce different types of graphs
- Explore and investigate common objects through observation skills using hand lenses and microscopes
- Prepare and observe a variety of slides (including living organisms) and observe them under a microscope
- Understand that organisms are single or multi-celled and categorized into kingdoms
- Recognize and understand the process and functions of the major human body systems

