

SOCIAL STUDIES

Students will:

- Use globes and different types of maps to identify hemispheres, continents, and oceans
- Understand and apply map features to interpret and create maps
- Identify and describe climatic and physical features, natural resources, economy, and indigenous groups of four regions (Southwest, Southeast, Midwest, and West) of the United States
- Identify the states, capitals, and major cities in each of the four regions
- Identify and describe the European, Asian, and Mexican immigrant groups affecting growth of the four regions
- Understand how the climate, geography, and economy of the Southeast region influenced the practice of slavery
- Understand the role of national parks in the conservation of the natural environment
- Identify and understand the importance of national historical sites in Washington, D.C.
- Introduce the location, climatic, physical and cultural features of Mexico and Canada
- Give examples of the different ways immigrants can become citizens and the major rights they have acquired



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 4 CURRICULUM



PENTUCKET REGIONAL SCHOOL DISTRICT

Groveland
Merrimac
West Newbury

Pentucket ... a culture of continuous learning

ENGLISH / LANGUAGE ARTS

Students will:

- Use multiple strategies to decode and determine the meaning of unfamiliar words
- Use reading strategies such as, predicting, questioning, and clarifying to facilitate comprehension
- Identify and analyze the elements of plot, character, and setting in the story
- Apply higher level thinking skills such as cause and effect, compare and contrast, summarize, and fact and opinion to analyze and interpret text
- Identify and interpret the elements of poetry
- Recognize and interpret descriptive language
- Identify and interpret literary genres such as, myth, fables, folk tales, and biographies
- Answer questions independently from fiction and nonfiction text with a topic sentence, supporting details, and concluding sentences
- Use the writing process: pre writing, drafting, revising, editing, and publishing
- Write a well developed story with a clear beginning, middle, and end
- Write a multi-paragraph essay about a personal experience using clear focus, coherent organization, and supporting details



ENGLISH / LANGUAGE ARTS

(continued)

Students will:

- Gather and organize information to conduct and report research
- Identify and use correct grammar, punctuation, and spelling

MATHEMATICS

Students will:

- Name, draw and label line segments, lines, and rays, angles, triangles, and quadrangles
- Identify and describe right angles, parallel lines, and line segments
- Name, describe, model, draw, compare, and classify 2 and 3 dimensional shapes. Compare and analyze properties and attributes of 2 and 3 dimensional shapes
- Recognize congruence and similarity in figures
- Identify lines of symmetry, lines of reflection, reflected figures, and figures with line symmetry
- Identify, plot, and locate points on the coordinate plane
- Use rounding strategies to estimate sums, differences, products, and quotients
- Add and subtract multi-digit numbers
- Read and write numerals and identify place value of digits in numerals to hundred millions
- Give equivalent names for numbers

MATHEMATICS (continued)

Students will:

- Understand the relationship between multiplication and division
- Multiply 3 digit by 2 digit numbers; divide by single digit and interpret remainders
- Model, compare, and order fractions and decimals; find equivalents; relate fractions to common decimals
- Select and use appropriate strategies and operations to solve problems
- Know multiplication facts to 12 X 12 and related division facts
- Use variables to represent unknowns in expressions and equations; write and solve number sentences with variables
- Apply commutative and associative properties
- Construct and interpret tables, charts, bar graphs, line plots, and tallies
- Identify and use statistical landmarks, median, mode, range, maximum, and minimum
- Design and conduct probability experiments
- Estimate and find the area and perimeter of a rectangle using diagrams and grids
- Compute elapsed time
- Measure to the nearest $\frac{1}{2}$ inch and centimeter
- Use metric and standard units to measure weight, time, temperature, and capacity



SCIENCE

Students will:

- Use the elements of the scientific method (questioning, hypothesis, procedure, observation, recording data, and conclusion) to conduct investigations
- Classify animals by their physical characteristics and behaviors
- Identify adaptations that enable an animal to survive in a particular habitat
- Create a complete electrical circuit through the utilization of troubleshooting techniques
- Understand and give examples of conductors and insulators
- Identify and apply the properties of magnetism
- Understand the movement and relationship of the sun, moon, and earth
- Identify the order of the planets from the sun and properties of the planets
- Demonstrate how the application of a force changes the motion of an object
- Develop, modify, and improve designs to meet specific requirements
- Represent a design through a sketch, diagram, or other visual
- Understand the characteristics of various global climates

