

## BAND

### Students will:

- Read musical notation
- Play major and minor scales (winds only)
- Play rudiments and rolls (percussion only)
- Perform on a variety of instruments (percussion only)
- Keep a steady tempo in the ensemble
- Perform in balance with the ensemble



## CHORUS

### Students will:

- Become more proficient in the technical aspects of singing
- Sing music from other cultures so as to expand the knowledge and understanding of non-western musical traditions
- Perform music with stage presence and poise in an effort to build self-confidence



## VISUAL ART

### Students will:

- Explore different mediums and processes in creating art/art works
- Develop a vocabulary to respond to art in terms of design and personal interpretation of works of art
- Create works of art that focus on learning techniques and expressing ideas through images
- Understand, explore and employ the elements of art and principles of design
- Explore the artwork of various artists from different cultures and periods in art history
- Prepare artwork for display



## 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*

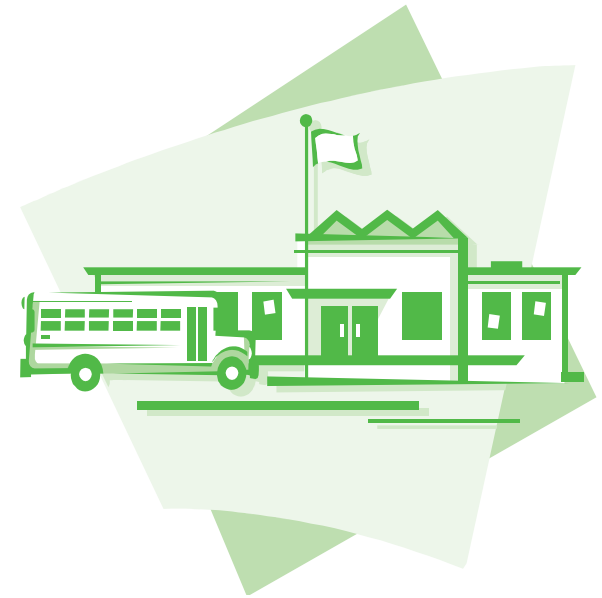
Dr. John C. Page School  
694 Main Street  
West Newbury, MA 01985  
Tel: 978-363-2671/Fax: 978-363-2234  
*Grades Pre K-6*

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](http://www.prsd.org)



# GRADE 7 CURRICULUM



## PENTUCKET REGIONAL SCHOOL DISTRICT

Groveland  
Merrimac  
West Newbury

*Pentucket ... a culture of continuous learning*

## ENGLISH / LANGUAGE ARTS

### Students will:

- Identify and use effectively all 8 parts of speech
- Identify and construct a complete sentence
- Identify and demonstrate correct mechanics including capitalization and punctuation
- Recognize and utilize the stages of the writing process
- Write with a clear focus, coherent organization and sufficient detail
- Recognize the four purposes of writing, with a concentration on narrative and descriptive writing
- Improve spelling competence and develop an understanding of spelling patterns and rules
- Acquire and use correctly an advanced vocabulary in reading and writing
- Be able to demonstrate previously acquired skills and comprehension when reading independently chosen and assigned texts
- Develop an understanding of and write essays analyzing all literary elements in various genres
- Refine research skills and apply to written products across the curriculum
- Analyze and evaluate the quality of information obtained from a variety of sources
- Differentiate between using both primary and secondary sources while determining a resource's legitimacy across the curriculum
- Integrate the use of various media and technology
- Work both independently and cooperatively with teachers and students



## READING

### Students will:

- Apply word identification strategies to unknown words in context
- Improve fluency in reading
- Identify main idea and supporting facts in outline format

## MATHEMATICS

### Students will:

- Compare, order, estimate, and translate among integers, mixed numbers, fractions, decimals, and percents
- Represent relationships of variables with tables, graphs, words, and symbols
- Recognize similar shaped figures and how their properties are related
- Use ratios and proportions in the solution of problems
- Extend the order of operations to include positive and negative numbers
- Demonstrate the understanding of arithmetic properties of rational numbers and use them in computations
- Solve and graph linear equations
- Calculate surface area and volume of geometric figures and prisms
- Calculate the mean, median, and mode of data distributions and represent them in various forms
- Compare outcomes and predicted probabilities



## LIFE SCIENCE

### Students will:

- Classify organisms into kingdoms according to characteristics
- Recognize that multi cellular organisms are composed of specialized cells
- Compare and contrast plant and animal cells
- Identify the general functions of the human body systems and describe ways that these systems interact with each other
- Recognize that every organism requires a set of instructions that specifies its traits; learn that heredity is the passage of these instructions from one generation to another
- Compare mitosis and meiosis
- Give examples of ways in which genetic variation, adaptation, and environmental factors are causes of evolution and the diversity of organisms
- Recognize that evidence drawn from geology, fossils, and comparative anatomy provide the basis of the theory of evolution



## LIFE SCIENCE (continued)

### Students will:

- Explain the roles and relationships among producers, consumers, and decomposers in the process of energy transfer in a food web
- Develop note taking skills
- Learn proper use of lab equipment and how to read scales of measurement in metric units
- Apply the scientific method and write hypotheses using if....then....because....
- Read and create data tables to produce pie, line, and bar graphs

## GEOGRAPHY/ SOCIAL SCIENCES

### Students will:

- Read and understand content area resources, such as an atlas, almanac, and textbooks
- Identify the five themes of geography: location, place, movement, region, and human/environment interaction
- Use map, graph, chart, and globe skills to obtain and interpret information
- Locate major geographic features and nations of the world on each continent
- Explain how location, climate, resources, and physical characteristics affect settlement, economy, and population
- Use geographic terms correctly, such as landforms, longitude, latitude, and time zones
- Use demographic terms, such as linguistic, religious, and ethnic groups
- Understand the use of currency, concepts of trade, different economies, and standards of living



## EXPLORATORY FOREIGN LANGUAGES

### Students will:

- Be able to conduct basic conversations (greetings, names, how one is doing, where one is from, etc.) in the target language
- Be able to talk about their families and describe people

## EXPLORATORY FOREIGN LANGUAGES

### (continued)

### Students will:

- Inquire about and describe the weather
- Be familiar with numbers, colors, days of the week, months of the year, the alphabet, etc.
- Learn aspects of supporting grammar (verb *to be*, adjective agreement, verb conjugation, etc.)
- Become acquainted with the cultures of the French, German, and Spanish-speaking worlds



## HEALTH EDUCATION

### Students will:

- Recognize how healthy habits influence growth, development and longevity
- Identify the personal benefits of making positive health decisions
- Understand the USDA dietary guidelines and how they relate to chronic disease prevention
- Apply the knowledge of the new food guide pyramid to analyze individual diets
- Recognize the emotional and physical changes as related to reproductive systems during puberty
- Define ways to cope with emotions and identify support systems available
- Recognize and identify concepts of friendship and how they can support one another in making healthy decisions
- Apply strategies for managing negative peer pressure and encouraging positive peer pressure
- List potential outcomes of risk behaviors related to tobacco, alcohol and other drugs

## MUSIC

### Students will:

- Read notes on the treble and bass clefs
- Identify different musical styles
- Describe a piece of music using appropriate musical terminology
- Compose a simple melody using musical notation
- Play a simple song on both the keyboard and guitar