

## **Social Studies Cont.**

### **Geography**

- Identify the major physical features of New Hampshire.
- Be aware of the tools of geography, including specialized maps of our state.
- Identify different geographic regions, oceans, and continents.

### **History**

- Understand the reasons for settlement and the contributions of immigrants to New Hampshire.
- Explain the contributions of important individuals to the history of New Hampshire and the nation.
- Be aware of current events to understand the world around us.
- Explore maps and globes.

## **Unified Arts**

The Unified Arts program will provide a variety of educational experiences that will help children excel in their studies, as well as discover new and exciting abilities within themselves.

### **Art**

**Broad Goal:** The arts program will provide each student with the foundation of developing appropriate knowledge of the elements and principles of design.

- Identify monochromatic color schemes of art.
- Produce two and three-dimensional works that communicate ideas.
- Identify and use the elements of design
- Critique art works and interpret ways artists use elements of design.
- Describe knowledge of art tools and techniques.

### **Library**

**Broad Goals:** Students will learn how to use some of the library's resources and how to do basic research.

- Students will review card catalog usage.
- Students will learn to use a U.S. atlas
- Students will learn beginning research skills.

## **Enrichment**

**Broad Goals:** To provide valuable systems for organized thinking and feeling processes and factors that are essential for learning.

- To coordinate with and support the regular curriculum classroom units, the NH Frameworks, and to coordinate with the other specialists units.
- To engage students in creative thinking skills and creative problem solving skills via a variety of hands-on, age-appropriate activities which include AIMS science and problem solving lessons, various social studies and science lessons.

## **Physical Education**

**Broad Goal:** To provide the students with the knowledge and skills necessary to maintain an active, healthy lifestyle.

- Combine movement skills and strategies in game situations
- Body awareness
- Space concepts
- Qualities of movement (balance, force, time, flow, rhythm)
- Cooperation and good sportsmanship
- Become aware of health related fitness and know how to achieve it

## **Music**

**Broad Goals:** To further broaden students' musical knowledge through instrumental playing and to gain an understanding of famous composers.

- Students will play Orff instruments to famous musical compositions.
- Participate in percussion ensemble playing using their rhythmic skills.
- Gain a basic knowledge of jazz.
- Further broaden their music notation skills.

## **Guidance**

The 4th grade Guidance Program focuses on teasing and bullying. The lessons include respecting differences; knowing what a "bully", "victim" and "bystander" are; ways to handle teasing, and learning characteristics of a good school citizen and friend.

### **I-Care Rules**

1. We listen to each other
2. Hands are for helping, not hurting
3. We use I-Care Language
4. We care about each other's feelings
5. We are responsible for what we say and do

# **Pelham School District**



## **Pelham Elementary School**

### **4<sup>th</sup> Grade Curriculum**

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## **English Language Arts: Fourth Grade**

**Broad goals** for English Language Arts education in the Pelham public schools address acquiring the interactive skills and processes of reading, writing, speaking, listening, and viewing through a balanced literacy program which includes the study of literature and application of language arts.

**The Fourth Grade English/Language Arts Curriculum** enables students to:

- Use a variety of word attack skills, context clues, and sentence structure to decipher words and understand text.
- Read a variety of fiction and nonfiction materials independently.
- Use comprehension skills such as previewing, predicting, inferring, comparing, contrasting, summarizing, and identifying the authors' purpose.
- Show evidence of understanding their reading in both writing and classroom discussion.
- Analyze fiction, nonfiction, and poetry for literacy elements.
- Use information from a variety of references and technology sources to respond orally and in writing.
- Plan and use graphic organizers and the writing process with teacher direction and independently.
- Demonstrate an interest and ability to write effectively for various purposes.
- Follow the writing process of proofreading, editing, and revising.

## **Mathematics: Fourth Grade**

**Broad goals** for Mathematics include:

**Problem solving:** Solve word problems and check answers for reasonableness and completeness.

**Reasoning:** Use mathematical reasoning to identify information that will help solve a problem, compare, and classify.

**Communications:** Be able to communicate mathematical strategies and operations (written and oral).

**Connection and Representation:** Solve problems understanding and using grade level mathematics vocabulary, writing number models for number stories, and using pictures or diagrams to represent process.

**The Fourth Grade Mathematics Curriculum** enables students to:

### **Numbers and Number Theory**

- Read, write, compare, order, and understand whole numbers.
- Read and write numerals in expanded form.
- Interpret and locate points on a number line.
- Explore divisibility rules.

### **Operations**

- Apply basic rules for the order of operations.
- Recognize and apply properties for addition, subtraction, multiplication, and division.
- Use properties, rules, and facts for multiplication and division.
- Multiply using multiples of 10, 100, and 1000.
- Write, model, estimate, compare, add, and subtract fractions and mixed numbers.
- Compare, order, and round whole numbers and money.

### **Geometry and Measurement**

- Explore and classify geometric shapes, angles, and geometric properties.
- Identify, describe, and draw symmetrical objects.
- Tell time to the nearest minute and compute elapsed time.

### **Data Analysis, Statistics and Probability**

- Collect, record, interpret, predict, and construct bar graphs, pictographs, line graphs, and circle graphs.
- Find the least, greatest, mode, median, and range for a set of data.

## **Science: Fourth Grade**

**Broad goals** for Science education in the Pelham public schools address acquiring the knowledge, concepts, skills, and processes of Life, Earth/Space, and Physical sciences.

**The Fourth Grade Science Curriculum** enables students to:

### **Life Science: Habitats & Changes/Human Identity**

- Observe changes in Ecosystems.
- Identify the physical structures of the human body.
- Compare inherited traits with learned behaviors.

### **Earth/Space Science: Water Cycle & Weather**

- Be aware that oceans are necessary to all life forms.
- Explore changes to earth's surface.
- Describe the water cycle and explore weather.

### **Physical Science: Electricity and Magnetism**

- Explore forms of energy.
- Explore how changes in force affect objects.
- Explore magnetic fields and their interaction with objects.
- Construct electrical circuits.
- Explore properties of matter and materials.

## **Social Studies: Fourth Grade**

**Broad goals** for Social Studies Education in New Hampshire address acquiring the knowledge, concepts, skills, and processes of civics and government, economics, geography, and history.

**The Fourth Grade Social Studies Curriculum** enables students to:

### **Civics and Government**

- Be aware of the major components of State and Federal government and their roles.
- Be aware of current political issues facing the people of New Hampshire.
- Learn to respect society's rules and laws.
- Describe the symbols and unique features of New Hampshire.

### **Economics**

- Be aware of the role of geography and natural resources in New Hampshire and how they influence the way we live.
- Understand how the economy of New Hampshire has changed over time.