

Unified Arts

Visual Arts

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

- Produce two and three-dimensional works
- Use elements of design
- Use art vocabulary terminology appropriate to first grade level
- Use symmetry in art

Enrichment

Broad Goals: To provide valuable systems for organizing 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 at each grade level
- To engage students in creative thinking skills and creative problem solving skills via the *Primary Education Thinking Skills* program, a curriculum for higher level thinking, *S.C.A.M.P.E.R.* activities, and *AIMS* science activities
- Units taught include but are not limited to: Dudley the Detective and deductive reasoning, Isabel the Inventor and brainstorming ideas, Sybil the Scientist and scientific reasoning and Yolanda the Yarn spinner and storytelling

Library

Broad Goal: Students will be introduced to the world of books to promote and encourage their interest in reading. They will also develop beginning library skills to prepare them for learning to use the library and its resources in the upper grades.

- Students will listen to stories to become familiar with different authors and titles
- Students will learn basic library terms
- Students will practice alphabetizing skills

Music

Broad Goal: To have students learn an appreciation and understanding for all different genres of music.

- To be able to match pitch
- Play simple accompaniments to songs they are singing
- Participate in a variety of movement activities
- Find and execute a steady beat
- Find different rhythms in pieces we are singing
- Identifying basic rhythms

Physical Education

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

- Basic locomotion and non-locomotion
- Body awareness
- Space concepts
- Qualities of movements (balance, form, time, flow, and rhythm)
- Cooperation and good sportsmanship
- Become aware of and strive to achieve health related fitness

Guidance

The first grade Guidance Program focuses on the I Care Rules. The lessons include using I Care Language, caring about each other's feelings, and being responsible for what we say and do.

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

1st Grade Curriculum

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English Language Arts: First 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; and include the study of literature and application of language arts.

The First Grade curriculum enables students to:

- Develop oral language skills and listening skills
- Identify letters and corresponding sounds to include vowels, blends, and digraphs
- Correct formation of upper and lower case letters
- Develop a high frequency sight-word vocabulary
- Develop phonemic awareness
- Develop comprehension strategies through small group and whole class instruction
- Retell a story using story elements including setting, problem, resolution, etc.
- Become more expressive and fluent readers
- Become life long readers
- Develop a love of reading through Read Alouds and Shared Reading, and reading buddies
- Develop writing skills which include describing, sharing feelings and thoughts, and creating a story. Writing will be assessed by periodic writing prompts.
- Learn specific language arts skills such as possessives, contractions, spelling rules, etc.
- Use context clues to decode unknown words
- Read words with –s, –ing, –ed, endings
- Attempt to use ending punctuation
- Develop the ability to create sentences

Mathematics: First Grade

Broad Goals for Mathematics:

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 objects and patterns.

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, using pictures or diagrams to represent process.

Numbers and Number Theory

- Count correct number sequence through rote counting and counting objects
- Count on from a number, backward and skip count

- Count by 1, 2, 5 and 10 from any number
- Use tally counts
- Order and compare numbers to 22
- Compare numbers using < and > and =
- Identify fractional parts of regions and sets with a focus on unit fractions (i.e. 1/2, 1/3, 1/4)
- Understand place value for 10's (longs) and 1's (cubes)
- Identify numbers as odd and even
- Find many names for a number

Operations

- Know +1, +0, doubles, and sums of 10 addition facts
- Recognize adding as combining sets and subtraction as the separation of sets
- Model addition and subtraction facts to 20
- Add up to three one-digit addends
- Solve two-digit addition and subtraction problems
- Use properties of grouping (associative), order (commutative), and zero
- Solve problems with missing numbers and/or missing rule

Geometry and Measurement

- Identify solid and plane figures (i.e., circle, rectangle, square, triangle, cone, cube, cylinder, pyramid, rectangular prism, sphere)
- Identify symmetrical shapes
- Estimate relative lengths of objects
- Measure length using standard and non-standard units
- Calculate the value of coin combinations: penny, nickel, dime, and quarter
- Add and subtract money amounts to 99 cents
- Tell time to the hour and half hour (analog and digital)
- Read and use a calculator

Data Analysis, Statistics and Probability

- Collect, organize, and record simple data
- Construct and interpret picture and bar graphs
- Express probability as: certain, possible, impossible

Patterns and Functions

- Use, create, and continue patterns of geometric figures, numbers, and shapes
- Sort attribute blocks according to attributes
- Recognize patterns on a number grid
- Know patterns in addition facts
- Skip count to 100 by 2, 5, and 10
- Use simple function tables

Science: First Grade

Broad goals for Science education in Pelham public schools address acquiring the knowledge, concepts, skills, and processes of the life, earth and space, and physical sciences.

The *First Grade Science* curriculum is made up of the following units of study:

Trees, Plants and Apples
The Five Senses
Magnetism
Healthy Habits
Fossils and Dinosaurs
Plants
Oceans

Social Studies: First 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 *First Grade Social Studies* curriculum enables students to:

Civics and Government

- Develop an awareness of the symbols and patriotic and cultural holidays of our nation
- Playing together cooperatively, being responsible for ones' own actions, showing patience, tolerance, and respectfulness for others as well as oneself
- Understand that rules are made to govern and develop interpersonal skills such as; working and to protect people
- Current events
- I Care Social Skills Program

Economics

- Develop an understanding of the differences between needs and wants
- Develop an understanding that basic economic decisions have consequences

Geography

- Develop an awareness of the location of the town of Pelham, the United States and the World on maps
- Develop an awareness of map symbols
- Current events

History

- Understand that people are alike and different in many ways
- Develop an understanding of famous Americans and how they relate to specific events and holidays