English Language Arts

Experience a variety of literature, including fantasy, folklore, fiction, nonfiction, biography, autobiography, plays, and poetry.

Develop context skills, phonetic skills, and word study skills to decode words which will aid in reading comprehension.

Use a variety of comprehension strategies to gain a better understanding of written communication. (Predicting, Making Connections, Questioning, Visualizing)

Develop ideas in writing using three or more supporting details.

Experience author's craft through rhythm, figurative language, and dialogue.

Develop better writing skills by using many forms of written expression.

Utilize the steps of the writing process.

Expand knowledge of punctuation, usage, and sentence structure in written communication.

Refine phonetic and structural analysis skills for spelling proficiency.

Enhance repertoire of vocabulary in oral and written work.

Use a variety of resources to locate and present information.

Participate in small group and large group discussions using preset discussion guidelines to gather and share new information.

Math

Name and write (in numerals) whole numbers to 1000, identify the place values of the digits, and order the numbers.

Identify and represent common fractions (1/2, 1/3, 1/4) as parts of wholes, parts of groups, and numbers on the number line.

Know addition facts (addends to ten) and related subtraction facts, and use them to solve problems.

Estimate, calculate, and solve problems involving addition and subtraction of two-digit numbers. Describe differences between estimates and actual calculations.

Identify different patterns on the hundreds chart.

Skip count by twos, fives, and tens up to at least 50, starting at any number.

Construct and solve open sentences that have variables, e.g., □ + 7 = 10

Describe attributes and parts of two- and three-dimensional shapes, e.g., length of sides, and number of corners, edges, faces, and sides.

Identify, describe, draw, and compare two-dimensional shapes, including both polygonal (up to six sides) and curved figures such as circles.

Compare the length, weight, area, and volume of two or more objects by using direct comparison.

Organize, classify, represent, and interpret data using tallies, charts, tables, bar graphs, pictographs, and Venn diagrams; interpret the representations.

Science

Life/Technology

Grow a variety of plants under different conditions in their classroom.

Recognize that plants are living things that grow, reproduce, and need food, air and water.

Identify the structures in plants (leaves, roots, flowers, stem, bark, wood) that are responsible for food production, support, water transport, reproduction, growth, and protection.

Describe the plant life cycle and the role that insects play in it.

Recognize that wheat and other cereals that we eat come from seeds called grains.

Earth Science

Explore the properties of air and recognize that weather is the condition of the atmosphere (air).

Understand that air is a mixture of gases that is all around us and that wind is moving air.

Construct and use weather instruments to measure rainfall, wind speed, and wind direction.

Recognize that the sun supplies heat and light to the earth and is necessary for life.

Observe, compare and predict the typical weather patterns for each season.

Physical/Technology

Explore the balance and motion of objects under a variety of conditions.

Describe the various ways that objects can move, such as in a straight line, zigzag, back-and-forth, round-and-round, fast and slow.

Demonstrate that the way to change the motion of an object is to apply a force (give it a push or pull).

The greater the force, the greater the change in the motion of the object.

Recognize that the amount and position of mass affects how an object rolls or rotates.

Explain a mobile as a system of balanced beams and objects.

Social Studies

Locate and describe the world's major bodies of water, the five major rivers in the world, and the seven continents.

Locate and describe the major mountain ranges in the world.

Explain the difference between a continent and a country and give examples of each.

Trace their family history by locating the continent, regions, or countries from which their family came.

Give examples of traditions or customs from other countries that can be found in America today.

Read and listen to a variety of true stories about individuals recognized for their achievements, and describe and compare different ways people have achieved great accomplishments.

Music

Experience and explore the singing and speaking voice by matching pitch patterns, discovering different vocal timbres, managing appropriate dynamic control, and recognizing and using proper head voice.

Express and understand a varied repertoire of music including patriotic and folk literature by singing alone and with others, playing rhythm instruments, moving, and listening.

Create and compose simple musical forms (AB, ABA) and responses by employing improvisational techniques and musical notation.

Compare and discover relationships between music, the other arts, history and culture by discussing how music connects to the home, school, community, and other places and events where music occurs.

Art

Review primary, secondary, warm and cool colors and apply this knowledge effectively in a work of art.

Begin to learn the concepts of color contrast, shades and tints, and begin to investigate the relationships between colors and moods/feelings.

Identify a wide variety of types of lines in the environment and in artwork and use them to create pattern and texture.

Explore the differences between visual pattern and real texture and use texture to create realism.

Use and reproduce geometric shapes and free form shapes with increasing skill and understand the relationship between overlapping shapes and space.

Use appropriate size relationships between shapes in space and arrange shapes symmetrically with increased complexity.

Revise drafts and work concepts through various stages of development. See art making as a process.

Develop and use critical analysis skills on their own artwork and the artwork of others.

Identify and describe form characteristics with increasing accuracy. (2-D, 3-D, sculpture)

Discuss how art connects to students' daily lives, homes, communities and other subject disciplines.

Health/Physical Education

Social and emotional skill building, including empathy, problem solving and emotion management.

Use a variety of manipulative (throwing, catching), locomotor (turning, jumping) and non-locomotor (twisting, balancing) skills individually and in teams.

Explain the benefits of physical fitness to good health.

BRAINTREE PUBLIC SCHOOLS

Braintree, Massachusetts

Curriculum Benchmarks

Grade Two

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