English Language Arts

Identify colors, shapes, textures.

Express relationships of time and space
(up, down,, before, after).

Understand concept of sentence.

Identify letters of alphabet (upper & lower).

Identify beginning and ending sounds.

Decode simple c-v-c words.

Identify sight words on K list.

Understand concepts of print.

Make predictions using prior knowledge, pictures and text.

Discuss different types of books (alphabet, nursery rhyme, counting).

Make predictions about the content of a text using prior knowledge and text and graphic features.

Print upper and lower case letters legibly.

Math

Match quantities up to at least 10 with numerals and words.

Understand the concepts of whole and half.

Use objects and drawings to model and solve related addition and subtraction problems to ten.

Compare sets of up to at least 10 concrete objects using appropriate language (e.g. none, more than, fewer than, same number of, one more than) and order numbers.

Identify, reproduce, describe, extend, and create color, rhythmic, shape, number, and letter repeating patterns with simple attributes, e.g., ABABAB…

Count by fives and tens at least up to 50.

Name, describe, sort, and draw simple two-dimensional shapes.

Describe attributes of two-dimensional shapes, e.g., number of sides, number of corners.

Recognize and compare the attributes of length, volume/capacity, weight, area, and time using appropriate language, e.g., longer, taller, shorter, same length; heavier, lighter, same weight; holds more, holds less, holds the same amount.

Use nonstandard units to measure length, area, weight, and capacity.

Collect, sort, organize, and draw conclusions about data using concrete objects, pictures, numbers, and graphs.

Science

Life Science

Explore the changes in appearance that plants, particularly trees, and animals go through as the seasons change.

Differentiate between living and non-living things.

Identify the structures of plants and recognize plants as living things that grow, reproduce and need food, air and water.

Describe ways that plants resemble their parents.

Recognize that people and other animals interact with the environment through their senses of sight, hearing, touch, smell and taste.

Earth Science

Describe the weather changes from day to day and from one season to the next.

Recognize that water, rocks, soil and living organisms are found on the earth's surface.

Physical/Technology

Explore the physical properties of a variety of different objects.

Sort objects by observable properties such as size, shape, texture, color, weight, buoyancy, magnetic attraction, texture, and material composition.

Use a simple balance and recognize that under some conditions objects can be balanced.

Classify and sort objects according to their properties.

Compare and contrast the properties of different objects.

Identify and describe characteristics of natural materials and human-made materials.

Social Studies

Identify and describe the events or people celebrated during national holidays.

Describe the location and features of places in the immediate neighborhood of the student's home or school.

Retell stories that illustrate honesty, courage, friendship, respect, responsibility, and authority, and explain how the characters in the stories show these qualities.

Recognize important American symbols and customs (e.g., American flag, national anthem, Pledge of Allegiance, etc.).

Explain why people work.

Music

Experience and explore the singing and speaking voice by matching pitch patterns.

Discover different vocal timbres, and manage appropriate dynamic control.

Express and understand a varied repertoire of music by singing, playing rhythm instruments, moving, and listening.

Create and compose simple musical responses by employing improvisational techniques.

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

Art

Create artwork in a variety of media.

Begin to identify and use primary and secondary colors.

Begin to identify and use warm and cool colors.

Begin to identify lines; straight, curved, wavy, zig-zag, etc.

Investigate and identify how lines and shapes repeat to make patterns.

Begin to identify various textures.

Identify and work with basic shapes (circle, square, rectangle, triangle, oval, free-form)

Begin to identify a variety of forms (sphere, cube).

Refine observational skills by creating artwork from direct observation.

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.

Health/Physical Education

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

Apply movement concepts to extend versatility and improve physical performance.

Perform rhythm routines including dancing.

Use a variety of locomotor skills (walking, running, skipping, hopping) as individuals and in teams.

BRAINTREE PUBLIC SCHOOLS

Braintree, Massachusetts

Curriculum Benchmarks

Grade: Kindergarten

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