

KINDERGARTEN GRADE LEVEL STANDARDS

Kindergarten
Grade Level Standards

ENGLISH LANGUAGE ARTS

LANGUAGE

Students should know and be able to:

- ◆ Follow agreed-upon rules for discussion.
- ◆ Contribute knowledge to class discussion in order to develop a topic for a class project.
- ◆ Share personal experiences or interests, using clear enunciation and adequate volume.
- ◆ Maintain focus on the topic.
- ◆ Identify and sort common words into various classifications (colors, shapes, textures).
- ◆ Describe common objects and events in general and specific language.
- ◆ Use language to express spatial and temporal relationships (up, down, before, after).
- ◆ Recognize that the names of things can also be the names of actions (fish, dream, run).
- ◆ Identify correct capitalization for names.
- ◆ Identify appropriate end marks (periods, question marks).
- ◆ Recognize formal and informal language in stories, poems, and plays.

READING & LITERATURE

Students should know and be able to:

- ◆ Demonstrate understanding of the forms and functions of written English:
 - a. recognize that printed materials provide information or entertaining stories;
 - b. know how to handle a book and turn the pages;
 - c. identify the covers and title page of a book;
 - d. recognize that, in English, print moves left to right across the page and from top to bottom;
 - e. identify upper- and lower-case letters;
 - f. recognize that written words are separated by spaces;
 - g. recognize that sentences in print are made up of separate words.
- ◆ Demonstrate orally that phonemes exist and that they can be isolated and manipulated:
 - a. understand that a sound is a phoneme, or one distinct sound;
 - b. understand that words are made up of one or more syllables;
 - c. recognize and produce rhyming words;
 - d. identify the initial, medial and final sounds of a word;
 - e. blend sounds to make words;
- ◆ Use letter-sound knowledge to identify unfamiliar words in print and gain meaning:
 - a. know that there is a link between letters and words;
 - b. recognize letter-sound matches by naming and identifying each letter of the alphabet;
 - c. understand that written words are composed of letters that represent sounds;
 - d. use letter-sound matches to decode simple words.
- ◆ Make predictions using prior knowledge, pictures, and text.
- ◆ Retell a main event from a story heard or read.
- ◆ Ask questions about the important characters and events.
- ◆ Make predictions about the content of the text using prior knowledge and text features (title, illustrations).
- ◆ Retell important facts from a text heard or read.
- ◆ Identify differences among the common forms of literature: poetry, fiction, non-fiction.
- ◆ Relate themes in works of fiction and nonfiction to personal experience.
- ◆ Identify character and setting in a favorite story.
- ◆ Identify titles.
- ◆ Identify and use knowledge of common graphic features.

- ◆ Make and confirm predictions about content.
- ◆ Restate main ideas and important facts from a text heard or read.
- ◆ Identify a regular beat and similarities of sounds in words responding to rhythm and rhyme in poetry.
- ◆ Retell or dramatize traditional literature.
- ◆ Identify and predict recurring phrases (Once upon a time) in traditional literature.
- ◆ Recite fingerplays and poems for an audience using eye contact, volume, and clear enunciation appropriate to the selection.

COMPOSITION

Students should know and be able to:

- ◆ Draw pictures and/or use letters or phonetically spelled words to tell a story.
- ◆ Draw pictures and/or use letters or phonetically spelled words to give others information..
- ◆ Dictate sentences for a letter.
- ◆ Use a variety of forms of writing for different purposes.
- ◆ Print upper- and lower-case letters of the alphabet.
- ◆ Arrange ideas and/or pictures in a way that makes sense.

MATH

NUMBER SENSE & OPERATION

Students should know and be able to:

- ◆ Count by ones to at least 25.
- ◆ Match quantities up to at least 15 with numerals.
- ◆ Identify positions of objects in sequence (e.g., first, second, last).
- ◆ 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 U.S. coins by name.
- ◆ Use objects and drawings to model and solve related addition and subtraction problems to ten.
- ◆ Estimate reasonably the number of objects in a group.

PATTERNS, RELATIONS, AND ALGEBRA

Students should know and be able to:

- ◆ Identify the attributes of objects as a foundation for sorting and classifying, e.g., a red truck and a red block share the attribute of being red; a square block, a square cracker, and a square book share the attribute of being square shaped.
- ◆ Sort and classify objects by color, shape, size, number, and other properties.
- ◆ 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.
- ◆ Count by 2's to 20.

GEOMETRY

Students should know and be able to:

- ◆ Name, describe, sort, and draw simple two-dimensional shapes.
- ◆ Identify positions of objects in space, and use appropriate language (e.g., beside, inside, next to, close to, above, below, apart) to describe and compare their relative positions.

MEASUREMENT

Students should know and be able to:

- ◆ Use nonstandard units to measure length and weight.
- ◆ Tells time to the hour.
- ◆ Recognize and compare the attributes of length, weight and time using appropriate language, e.g., longer, taller, shorter, same length, heavier, lighter, and same weight.

DATA AND ANALYSIS

Students should know and be able to:

- ◆ Perform simple data collection and graphing.

SOCIAL STUDIES

HISTORY

Students should know and be able to:

- ◆ Identify sequential actions, such as *first next, last*, in stories and then use them to describe personal experiences.
- ◆ Use correctly words and phrases related to chronology and time (*now, long ago, before, after, morning, afternoon, night, today, tomorrow, yesterday, last or next week, month, year, and present, past, and future tenses of verbs*).
- ◆ Use correctly the word “*because*” in the context of stories or personal experiences.
- ◆ Identify and describe the events or people celebrated during the United States national holidays: Columbus Day, Thanksgiving, Martin Luther King, Jr. Day, Presidents' Day.
- ◆ Put events in their own and their families' lives in temporal order.

GEOGRAPHY

Students should know and be able to:

- ◆ Use correctly words and phrases that indicate location and direction, such as *up, down, near, far, left, right, straight, back, behind and in front of*.
- ◆ Tell or show what a map is and what a globe is.
- ◆ Identify the student's street address, city or town, and Massachusetts as the state and the United States as the country in which he or she lives. Identify the name of the student's school and the city or town in which it is located.

ECONOMICS

Students should know and be able to:

- ◆ Use words relating to work, such as *jobs, money, buying and selling*.
- ◆ Give examples of different kinds of jobs that people do, including the work they do at home.
- ◆ Explain why people work (e.g. to earn money in order to buy the things they want).
- ◆ Give examples of the things that people buy with the money they earn from work.

CIVICS - Government

Students should know and be able to:

- ◆ Give examples that show the meaning of the following concepts: *authority, fairness, responsibility and rules*.
- ◆ Listen to and discuss stories that illustrate honesty, courage, friendship, respect and responsibility.
- ◆ Identify and describe family or community members who promote the welfare and safety of children and adults.
- ◆ Identify the American flag and its colors and shapes; the name of the current President and recite the words of the Pledge of Allegiance.

SCIENCE

EARTH & SPACE SCIENCE

Students should know and be able to:

- ◆ Describe the weather changes from day to day and over the seasons.
- ◆ Identify some events around us that have repeating patterns, including the seasons of the year, day and night.

LIFE SCIENCE

Students should know and be able to:

- ◆ Recognize that animals (including humans) and plants are living things that grow, reproduce and need food, air, and water.
- ◆ Recognize that plants and animals have life cycles, and that life cycles vary for different living things.

- ◆ Recognize that people and other animals interact with the environment through their senses of sight, hearing, touch, smell, and taste.
- ◆ Recognize changes in appearance that animals and plants go through as the seasons change.
- ◆ Identify the ways in which an organism's habitat provides for its basic needs (plants require air, water, nutrients, and light; animals require food, water, air, and shelter).

PHYSICAL SCIENCE

Students should know and be able to:

- ◆ Sort objects by observable properties such as size, shape, color, weight, and texture.
- ◆ 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 a pull). The greater the force, the greater the change in the motion of the object.
- ◆ Recognize that under some conditions, objects can be balanced.