

Kindergarten Standards of Learning

**Highlighted items have not been introduced*

Language Arts

K.1 The student will build oral communication skills.

- a) Listen actively and speak using agreed-upon rules for discussion.
- b) Express ideas in complete sentences and express needs through direct requests.
- c) Initiate conversations.
- d) Follow implicit rules for conversation with peers and adults.
- e) Listen and speak in informal conversations with peers and adults.
- f) Discuss various texts and topics collaboratively and with partners.
- g) Use voice level, phrasing, and intonation appropriate for various language situations.
- h) Follow one- and two- step directions
- i) Ask how and why questions to seek help, get information, or clarify information.
- j) Work respectfully with others.

K.2 The student will demonstrate growth in oral early literacy skills.

- a) Listen and response to a variety of text and media.
- b) Participate in a variety of oral language activities including choral and echo speaking and recitation.
- c) Tell stories orally.
- d) Participate in creative dramatics.

K.3 The student will identify, say, segment, and blend various units of speech sounds.

- a) Begin to discriminate between spoken sentences, words and syllables.
- b) Identify and produce words that rhyme.
- c) Blend and segment multi-syllabic words at the syllable level.
- d) Blend and segment one-syllable words into phonemes including onset and rime.
- e) Identify words according to shared beginning and/or ending sounds.
- f) Blend sounds to make one-syllable words.
- g) Segment one-syllable words into individual phonemes.

K.4 The student will understand how print is organized and read.

- a) Hold print materials in the correct position.
- b) Identify the front cover, back cover, and title page of a book.
- c) Distinguish between print and pictures.
- d) Follow words from left to right and from top to bottom on a printed page.
- e) Match voice to print.

K.5 The student will demonstrate an understanding that print conveys meaning.

- a) Identify common signs and logos.
- b) Explain that printed materials provide information.
- c) Read and explain own writing and drawings.
- d) Read his/her name and commonly used high-frequency words.

K.6 The student will develop an understanding of basic phonetic principles.

- a) Identify and name the capital and lowercase letters of the alphabet.

- b) Match consonant, short vowel, and initial consonant digraph sounds to appropriate letters.
- c) Demonstrate a speech-to-print match through accurate finger-point reading in a familiar text that includes words with more than one syllable.
- d) Identify the initial consonant sounds in one-syllable words.
- e) Identify final consonant sounds in one-syllable words.

K.7 The student will expand vocabulary and use of word meanings.

- a) Discuss meanings of words.
- b) Increase vocabulary by listening to a variety of texts read aloud.
- c) Use vocabulary from other content areas,
- d) Ask about words not understood.
- e) Use number words.
- f) Use nouns to identify and name people, places, and things.
- g) Use adjectives to describe location, size, color, and shape.
- h) Use verbs to identify actions.

K.8 The student will demonstrate comprehension of fictional texts.

- a) Identify the role of an author and an illustrator.
- b) Relate previous experiences to what is read.
- c) Use pictures to make predictions.
- d) Ask and answer questions about what is read.
- e) Use story elements of characters, settings, and events to retell stories sequentially using beginning, middle and end.

K.9 The student will demonstrate comprehension of nonfiction texts.

- a) Use pictures to identify topic and make predictions.
- b) Identify text features specific to the topic, such as titles, headings, and pictures.
- c) Ask and answer questions about what is read.

K.10 The student will print in manuscript.

- a) Print capital and lowercase letters of the alphabet independently.
- b) Print his/ her first and last names.

K.11 The student will write in a variety of forms to include narrative and descriptive.

- a) Differentiate pictures from writing.
- b) Use prewriting activities to generate ideas including drawing pictures.
- c) Use letters to phonetically spell words that describe pictures or experiences.
- d) Write left to right and top to bottom.
- e) Compose simple sentences.
- f) Begin each sentence with a capital letter and use ending punctuation.
- g) Share writing with others.

K.12 The student will conduct research to answer questions or solve problems using available resources.

- a) Generate topics of interest.
- b) Generate questions to gather information.
- c) Identify pictures, texts, or people as sources of information.
- d) Find information from provided sources.

Math

Mathematics SOLs for Kindergarten

K.1A Tell how many are in a given set of 20 or fewer objects by counting orally.

K.1B Read, write and represent numbers from 0 to 20.

K.2A Given no more than three sets, each containing 10 or fewer concrete objects, compare and describe one set as having more, fewer, or the same number of objects as the other set(s).

K.2B Given no more than three sets, each containing 10 or fewer concrete objects, compare and order the sets from least to greatest and greatest to least.

K.3A Count forward orally by ones from 0 to 100.

K.3B Count backward orally by ones when given any number between 1 and 10.

K.3C Identify the number after, without counting, when given any number between 0 and 100 and identify the number before, without counting, when given any number between 1 and 10.

K.3D Count forward by tens to determine the total number of objects to 100.

K.4A Recognize and describe with fluency part-whole relationships for numbers up to 5.

K.4B investigate and describe part-whole relationships for numbers up to 10.

K.5 Investigate fractions by representing and solving practical problems involving equal sharing with two sharers.

K.6 Model and solve single-step story and picture problems with sums to 10 and differences within 10, using concrete objects.

K.7 Recognize the attributes of a penny, nickel, dime, and quarter and identify the number of pennies equivalent to a nickel, a dime, and a quarter. ***Coins have been introduced but not emphasized to date.**

K.8 Investigate the passage of time by reading and interpreting a calendar.

K.9 Compare two objects or events, using direct comparisons, according to one or more of the following attributes: length (shorter, longer), height (taller, shorter), weight (heavier, lighter), temperature (hotter, colder), volume (more, less), and time (longer, shorter).

K.10A Identify and describe plane figures (circle, triangle, square, and rectangle).

K.10B Compare the size (smaller, larger) and shape of plane figures (circle, triangle, square, and rectangle).

K.10C Describe the location of one object relative to another (above, below, next to) and identify representations of plane figures (circle, triangle, square, and rectangle) regardless of their positions and orientations in space.

K.11A. Collect, organize, and represent data.

K.11B Read and interpret data in object graphs, picture graphs, and tables.

K.12 Sort and classify objects according to one attribute.

K.13 Identify, describe, extend, create, and transfer repeating patterns.

Science

Science SOLs for Kindergarten:

K.1 The student will demonstrate an understanding of scientific and engineering practices by

a) asking questions and defining problems

- ask questions based on observations
- identify a problem based on need
- make predictions based on observations

b) planning and carrying out investigations

- make observations to collect data
- identify characteristics and properties of objects by observations
- measure relative length and weight of common objects
- record information from investigation

c) interpreting, analyzing, and evaluating data

- describe patterns
- classify and/or sequence objects based on a single physical characteristic or property
- organize and represent data

- read and interpret data in object graphs, picture graphs, and tables

d) constructing and critiquing conclusions and explanations

- make simple conclusions based on data or observations

e) developing and using models

- distinguish between a model and an actual object

f) obtaining, evaluating, and communicating information

- communicate comparative measures (e.g., heavier, lighter, longer, shorter, more, less, hotter, colder)
- communicate observations using pictures, drawings, and/or speech

K.2 The student will investigate and understand that pushes and pulls affect the motion of objects.

Key ideas include

- a) pushes and pulls can cause an object to move;**
- b) pushes and pulls can change the direction of an object; and**
- c) changes in motion are related to the strength of the push or pull.**

K.3 The student will investigate and understand that physical properties of an object can be described.

Properties include

- a) colors;**
- b) shapes and forms;**
- c) textures and feel; and**
- d) relative sizes and weights of objects.**

K.4 The student will investigate and understand that water is important in our daily lives and has properties.

Key ideas include

- a) water has many uses;**
- b) water can be found in many places;**
- c) water occurs in different phases; and**
- d) water flows downhill.**

K.5 The students will investigate and understand that senses allow humans to seek, find, take in, and react or respond to different information. Key ideas include

- a) the five basic senses correspond to specific human body structures; and
- b) senses are used in our daily lives.

K.6 The student will investigate and understand that there are differences between living organisms and nonliving objects. Key ideas include

- a) all things can be classified as living or nonliving; and
- b) living organisms have certain characteristics that distinguish them from nonliving objects.

K.7 The student will investigate and understand that plants and animals have basic needs and life processes. Key ideas include

- a) living things need adequate food, water, shelter, air, and space to survive;
- b) plants and animals have life cycles; and
- c) offspring of plants and animals are similar but not identical to their parents or to one another.

K.8 The student will investigate and understand that light influences temperature on Earth's surfaces and can cause shadows. Key ideas include

- a) the sun provides light and warms Earth's surface;
- b) shadows can be produced when sunlight or artificial light is blocked by an object; and
- c) objects in shadows and objects in sunlight have different temperatures.

K.9 The student will investigate and understand that there are patterns in nature. Key patterns include

- a) daily weather;
- b) seasonal changes; and
- c) day and night.

K.10 The student will investigate and understand that change occurs over time. Key ideas include

- a) natural and human-made things change over time;
- b) living and nonliving things change over time;
- c) changes can be observed and measured; and
- d) changes may be fast or slow.

K.11 The student will investigate and understand that humans use resources. Key ideas include

- a) some materials and objects can be used over and over again;
- b) materials can be recycled; and
- c) choices we make impact the air, water, land and living things.

Social Studies

Social Studies SOLs for Kindergarten

- K.1 The student will demonstrate skills for historical thinking, geographical analysis, economic decision making, and responsible citizenship by:**
- a) viewing artifacts and primary and secondary sources to develop an understanding of history;**
 - b) using basic map skills to support an understanding of the community;**
 - c) gathering and classifying information, sequencing events, and separating fact from fiction to improve understanding of the community;**
 - d) asking appropriate questions to solve a problem;**
 - e) comparing and contrasting people, places, or events;**
 - f) recognizing direct cause-and-effect relationships;**
 - g) making connections between past and present;**
 - h) using a decision-making model to make informed decisions;**
 - i) practicing good citizenship skills while collaborating, compromising, and participating in classroom activities; and**
 - j) developing fluency in content vocabulary and comprehension of oral, written, and visual sources.**

History

- K.2 The student will recognize that history describes events and people from other times and places by**
- a) identifying examples of historical events, stories, and legends that describe the development of the local community; and**
 - b) identifying people who helped establish and lead the local community over time.**
- K.3 The student will sequence events in the past and present and begin to recognize that things change over time.**

Geography

- K.4 The student will describe the relative location of people, places, and things by using positional words, with emphasis on near/far, above/below, left/right, and behind/in front.**
- K.5 The student will use simple maps and globes to**
- a) develop an awareness that a map is a drawing of a place to show where things are located and that a globe is a round model of Earth;**
 - b) describe places referenced in historical events, stories, and real-life situations;**
 - c) locate land and water features;**
 - d) identify basic map symbols in a map legend; and**
 - e) identify places and objects of a familiar area.**
- K.6 The student will develop an awareness that maps and globes**
- a) show a view from above;**
 - b) show things in smaller size; and**
 - c) show the position of objects.**
- K.7 The student will describe how the location, climate, and physical surroundings of a community affect the way people live, including their food, clothing, shelter, transportation, and recreation.**

Economics

- K.8** The student will match simple descriptions of work that people do with the names of those jobs.
- K.9** The student will
- a) recognize that people make choices because they cannot have everything they want; and
 - b) explain that people work to earn money to buy the things they want

Civics

- K.10** The student will demonstrate that being a good citizen involves
- a) taking turns and sharing;
 - b) taking responsibility for certain classroom chores;
 - c) taking care of personal belongings and respecting what belongs to others;
 - d) following rules and understanding the consequence of breaking rules;
 - e) practicing honesty, self-control, and kindness to others;
 - f) participating in decision making in the classroom; and
 - g) participating successfully in group settings.
- K.11** The student will develop an understanding of how communities express patriotism through events and symbols by
- a) recognizing the American flag;
 - b) recognizing the Pledge of Allegiance;
 - c) knowing that the president is the leader of the United States; and
 - d) recognizing the holidays and the people associated with the holidays Thanksgiving Day; Martin Luther King, Jr., Day; George Washington Day (Presidents' Day); and **Independence Day (Fourth of July).**