

First Grade Standards of Learning

English Language Arts

Communication and Multimodal Literacies

- 1.1 The student will develop oral communication skills.
- a) Listen actively and speak using agreed-upon rules for discussion.
 - b) Initiate conversation with peers and adults.
 - c) Adapt or change oral language to fit the situation.
 - d) Use appropriate voice level, phrasing, and intonation.
 - e) Participate in collaborative and partner discussions about various texts and topics.
 - f) Follow rules for conversation using appropriate voice level in small-group settings.
 - g) Ask and respond to questions to seek help, get information, or clarify information.
 - h) Restate and follow simple two-step oral directions.
 - i) Give simple two-step oral directions.
 - j) Express ideas orally in complete sentences.
 - k) Work respectfully with others.
 - l) Increase listening and speaking vocabularies.

- 1.2 The student will demonstrate growth in oral early literacy skills.
- a) Listen and respond to a variety of print and media materials.
 - b) Tell and retell stories and events in sequential order.
 - c) Participate in a variety of oral language activities, including choral speaking and recitation.
 - d) Participate in creative dramatics.

Reading

- 1.3 The student will orally identify, produce, and manipulate various phonemes within words to develop phonological and phonemic awareness.
- a) Create rhyming words.
 - b) Count phonemes (sounds) in one-syllable words.
 - c) Blend sounds to make one-syllable words.
 - d) Segment one-syllable words into individual phonemes.
 - e) Add or delete phonemes to make new words.
 - f) Blend and segment multisyllabic words at the syllable level.

- 1.4 The student will apply knowledge of how print is organized and read.
- a) Read from left to right and from top to bottom.
 - b) Match spoken words with print.
 - c) Identify letters, words, sentences, and ending punctuation.

- 1.5 The student will apply phonetic principles to read and spell.
- a) Use initial and final consonants to decode and spell one-syllable words.
 - b) Use two-letter consonant blends to decode and spell one-syllable words.
 - c) Use consonant digraphs to decode and spell one-syllable words.
 - d) Use short vowel sounds to decode and spell one-syllable words.

- e) Blend initial, medial, and final sounds to recognize and read words.
- f) Use word patterns to decode unfamiliar words.
- g) Read and spell simple two-syllable compound words.
- h) Read and spell commonly used sight words.

1.6 The student will use semantic clues and syntax for support when reading.

- a) Use words, phrases, and sentences.
- b) Use titles and pictures.
- c) Use information in the story to read words.
- d) Use knowledge of sentence structure.
- e) Reread and self-correct.

1.7 The student will expand vocabulary and use of word meanings.

- a) Discuss meanings of words in context.
- b) Develop vocabulary by listening to and reading a variety of texts.
- c) Ask for the meaning of unknown words and make connections to familiar words.
- d) Use text clues such as words or pictures to discern meanings of unknown words.
- e) Use vocabulary from other content areas.
- f) Use singular and plural nouns.
- g) Use adjectives to describe nouns.
- h) Use verbs to identify actions.

1.8 The student will use simple reference materials.

- a) Use knowledge of alphabetical order by first letter.
- b) Use a picture dictionary to find meanings of unfamiliar words.**

1.9 The student will read and demonstrate comprehension of a variety of fictional texts.

- a) Preview the selection.
- b) Set a purpose for reading.
- c) Relate previous experiences to what is read.
- d) Make and confirm predictions.
- e) Ask and answer who, what, when, where, why, and how questions about what is read.
- f) Identify characters, setting, and important events.
- g) Retell stories and events, using beginning, middle, and end in a sequential order.
- h) Identify theme.
- i) Read and reread familiar stories and poems with fluency, accuracy, and meaningful expression.

1.10 The student will read and demonstrate comprehension of a variety of nonfiction texts.

- a) Preview the selection.
- b) Use prior and background knowledge as context for new learning.
- c) Set a purpose for reading.
- d) Identify text features such as pictures, headings, charts, and captions.
- e) Make and confirm predictions.

- f) Ask and answer who, what, where, when, why, and how questions about what is read.
- g) Identify the main idea.
- h) Read and reread familiar texts with fluency, accuracy, and meaningful expression.

Writing

1.11 The student will print legibly in manuscript.

- a) Form letters accurately.
- b) Space words within sentences.

1.12 The student will write in a variety of forms to include narrative, descriptive, and opinion.

- a) Identify audience and purpose.
- b) Use prewriting activities to generate ideas.
- c) Focus on one topic.
- d) Organize writing to suit purpose.
- e) Revise by adding descriptive words when writing about people, place, things, and events.
- f) Write to express an opinion and give a reason.
- g) Use letters to phonetically spell words.
- h) Share writing with others.

1.13 The student will edit writing for capitalization, punctuation, and spelling.

- a) Use complete sentences.
- b) Begin each sentence with a capital letter and use ending punctuation.
- c) Use correct spelling for commonly used sight words and phonetically regular words.

Research

1.14 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.
- e) Record information.

Mathematics

Number and Number Sense

1.1 The student will

- a) count forward orally by ones to 110, starting at any number between 0 and 110;
- b) write the numerals 0 to 110 in sequence and out-of-sequence;
- c) count backward orally by ones when given any number between 1 and 30; and
- d) count forward orally by ones, twos, fives, and tens to determine the total number of objects to 110.

1.2 The student, given up to 110 objects, will

- a) group a collection into tens and ones and write the corresponding numeral;

- b) compare two numbers between 0 and 110 represented pictorially or with concrete objects, using the words greater than, less than or equal to; and
- c) order three or fewer sets from least to greatest and greatest to least.

1.3 The student, given an ordered set of ten objects and/or pictures, will indicate the ordinal position of each object, first through tenth.

1.4 The student will

- a) represent and solve practical problems involving equal sharing with two or four sharers; and
- b) represent and name fractions for halves and fourths, using models.

1.5 The student, given a familiar problem situation involving magnitude, will

- a) select a reasonable order of magnitude from three given quantities: a one-digit numeral, a two-digit numeral, and a three-digit numeral (e.g., 5, 50, 500); and
- b) explain the reasonableness of the choice.

Computation and Estimation

1.6 The student will create and solve single-step story and picture problems using addition and subtraction within 20.

1.7 The student will

- a) recognize and describe with fluency part-whole relationships for numbers up to 10; and
- b) demonstrate fluency with addition and subtraction within 10.

Measurement and Geometry

1.8 The student will determine the value of a collection of like coins (pennies, nickels, or dimes) whose total value is 100 cents or less.

1.9 The student will investigate the passage of time and

- a) tell time to the hour and half-hour, using analog and digital clocks; and
- b) read and interpret a calendar.

1.10 The student will use nonstandard units to measure and compare length, weight, and volume.

1.11 The student will

- a) identify, trace, describe, and sort plane figures (triangles, squares, rectangles, and circles) according to number of sides, vertices, and angles; and
- b) identify and describe representations of circles, squares, rectangles, and triangles in different environments, regardless of orientation, and explain reasoning.

Probability and Statistics

1.12 The student will

- a) collect, organize, and represent various forms of data using tables, picture graphs, and object graphs; and
- b) read and interpret data displayed in tables, picture graphs, and object graphs, using the vocabulary more, less, fewer, greater than, less than, and equal to.

Patterns, Functions, and Algebra

1.13 The student will sort and classify concrete objects according to one or two attributes.

1.14 The student will identify, describe, extend, create, and transfer growing and repeating patterns.

1.15 The student will demonstrate an understanding of equality through the use of the equal symbol.

Science

Scientific and Engineering Practices- (recur in all grades)

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

- a. Asking questions and defining problems
 - Ask questions and make predictions based on observations; and
 - Identify a simple problem that can be solved through the development of a new tool or improved object.
- b. Planning and carrying out investigations
 - With guidance, conduct investigations to produce data;
 - Identify characteristics and properties of objects by observations; and
 - Use tools to measure relative length, weight, volume, and temperature of common objects.
- c. Interpreting, analyzing, and evaluating data
 - Use and share pictures, drawings, and/or writings of observations;
 - Describe patterns and relationships;
 - Classify and arrange objects based on a single physical characteristic or property;
 - Organize and represent various forms of data using tables, picture graphs, and object graphs; and
 - Read and interpret data displayed in tables, picture graphs, and object graphs, using the vocabulary more, less, fewer, greater than, less than, and equal to.
- d. Constructing and critiquing conclusions and explanations
 - Make simple conclusions based on data or observations; and
 - Recognize unusual or unexpected results.
- e. Developing and using models
 - Use physical models to demonstrate simple phenomena and natural processes.
- f. Obtaining, evaluating, and communicating information

- Communicate observations and data using simple graphs, pictures, drawings, numbers, speech and/or writing.

Force, Motion, and Energy

1.2 The student will investigate and understand that objects can move in different ways.

Key ideas include

- a. Objects may have straight, circular, spinning, and back-and-forth motions; and
- b. Objects may vibrate and produce sound.

Matter

1.3 The student will investigate and understand that objects are made from materials that can be described by their physical properties. Key ideas include

- a. Objects are made of one or more materials with different physical properties and can be used for a variety of purposes;
- b. When a material is changed in size most physical properties remain the same; and
- c. The type and amount of material determine how much light can pass through an object.

Living Systems and Processes

1.4 The student will investigate and understand that plants have basic life needs and functional parts that allow them to survive. Key ideas include

- a. Plants need nutrients, air, water, light, and a place to grow;
- b. Structures of plants perform specific functions; and
- c. Plants can be classified based on a variety of characteristics.

1.5 The student will investigate and understand that animals, including humans, have basic life needs that allow them to survive. Key ideas include

- a. Animals need air, food, water, shelter, and space (habitat);
- b. Animals have different physical characteristics that perform specific functions; and
- c. Animals can be classified based on a variety of characteristics.

Earth and Space Systems

1.6 The student will investigate and understand that there is a relationship between the sun and Earth. Key ideas include

- a. The sun is the source of energy and light that warms the Earth's land, air, and water; and
- b. The sun's relative position changes in the Earth's sky throughout the day.

1.7 The student will investigate and understand that there are weather and seasonal changes. Key ideas include

- a. Changes in temperature, light, and precipitation occur over time;
- b. There are relationships between daily weather and the season; and
- c. Changes in temperature, light, and precipitation affect plants and animals, including humans.

Earth Resources

1.8 The student will investigate and understand that natural resources can be used responsibly. Key ideas include

- a. Most natural resources are limited;
- b. Human actions can affect the availability of natural resources; and
- c. Reducing, reusing, and recycling are ways to conserve natural resources.

History and Social Science

Skills

1.1 The student will demonstrate skills for historical thinking, geographical analysis, economic decision making, and responsible citizenship by

- a. using artifacts and primary and secondary sources to develop an understanding of Virginia history;
- b. using basic map skills to support an understanding of Virginia history;
- c. using and creating graphs, diagrams, and pictures to determine characteristics of people, places, or events to support an understanding of Virginia history;
- d. asking appropriate questions to solve a problem;
- e. comparing and contrasting people, places, or events in Virginia history;
- 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 and respect for rules and laws while collaborating,
- j. compromising, and participating in classroom activities; and
- k. developing fluency in content vocabulary and comprehension of oral, written, and visual sources.

History

1.2 The student will demonstrate knowledge of Virginia history by describing important events and people in the history of the Commonwealth, including

- a. the settlement of Virginia at Jamestown;
- b. famous Virginians, such as George Washington and Thomas Jefferson, who helped form a new nation; and
- c. life in Virginia today, including food, clothing, shelter, transportation, and recreation.

1.3 The student will describe the stories of influential people in the history of Virginia and their contributions to our Commonwealth, with emphasis on

- a. Powhatan;
- b. Pocahontas;
- c. Christopher Newport;
- d. Maggie L. Walker; and
- e. Arthur R. Ashe, Jr.

1.4 The student will describe the lives of people associated with major holidays, including

- a. George Washington Day (Presidents' Day);
- b. Independence Day (Fourth of July); and
- c. Martin Luther King, Jr., Day.

Geography

1.5 The student will develop map skills by

- a) recognizing basic map symbols, including references to land, water, cities, and roads;
- b) using cardinal directions on maps;
- c) identifying the shapes of the United States and Virginia on maps and globes;
- d) locating Washington, D.C., the capital of the United States, and Richmond, the capital of Virginia, on a United States map; and
- e) constructing simple maps, including a title, map legend, and compass rose.

1.6 The student will develop a geographic understanding that

- a) the location of Virginia determines its climate and results in four distinct seasons; and
- b) the landforms of Virginia affect the places people live.

Economics

1.7 The student will explain the difference between goods and services and describe how people are consumers and producers of goods and services.

1.8 The student will explain that people make choices because they cannot have everything they want.

1.9 The student will recognize that people save money for the future to purchase goods and services.

Civics

1.10 The student will apply the traits of a good citizen by

- a) focusing on fair play, exhibiting good sportsmanship, helping others, and treating others with respect;
- b) recognizing the purpose of rules and practicing self-control;
- c) working hard in school;
- d) taking responsibility for one's own actions;
- e) valuing honesty and truthfulness in oneself and others; and
- f) participating in classroom decision making through voting.

1.11 The student will recognize the symbols and traditional practices that honor and foster patriotism in the United States by demonstrating respect for the American flag by learning about the Pledge of Allegiance.

1.12 The student will recognize the symbols and traditional practices that honor the Commonwealth of Virginia by

- a) identifying the Virginia flag, state capitol building, state bird, and state flower; and
- b) describing why people have symbols and traditions.

1.13 The student will understand that the people of Virginia

- a) have state and local government officials who are elected by voters;
- b) make contributions to their communities; and
- c) include people who have diverse ethnic origins, customs, and traditions and are united as Americans by common principles.