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First Grade GOALS AND EXPECTATIONS

The Common Core Standards

The Common Core State Standards provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what they need to do to help them. The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers. With American students fully prepared for the future, our communities will be best positioned to compete successfully in the global economy.

About the Standards

The Common Core State Standards Initiative is a state-led effort coordinated by the National Governors Association Center for Best Practices (NGA Center) and the Council of Chief State School Officers (CCSSO). The standards were developed in collaboration with teachers, school administrators, and experts, to provide a clear and consistent framework to prepare our children for college and the workforce.

The NGA Center and CCSSO received initial feedback on the draft standards from national organizations representing, but not limited to, teachers, postsecondary educators (including community colleges), civil rights groups, English language learners, and students with disabilities. Following the initial round of feedback, the draft standards were opened for public comment, receiving nearly 10,000 responses.

The standards are informed by the highest, most effective models from states across the country and countries around the world, and provide teachers and parents with a common understanding of what students are expected to learn. Consistent standards will provide appropriate benchmarks for all students, regardless of where they live.

These standards define the knowledge and skills students should have within their K-12 education careers so that they will graduate high school able to succeed in entry-level, credit-bearing academic college courses and in workforce training programs. The standards:

- Are aligned with college and work expectations;
- Are clear, understandable and consistent;
- Include rigorous content and application of knowledge through high-order skills;
- Build upon strengths and lessons of current state standards;
- Are informed by other top performing countries, so that all students are prepared to succeed in our global economy and society; and
- Are evidence-based.

ENGLISH LANGUAGE ARTS

Literature

Student will be able to:

1. Ask and answer questions about key details in a text.
2. Retell stories, including key details, and demonstrate understanding of their central message or lesson.
3. Describe characters, settings, and major events in a story, using key details.
4. Identify words and phrases in stories or poems that suggest feelings or appeal to the senses.
5. Explain the major differences between books that tell stories and books that give information, drawing a wide reading of a range of text types.
6. Identify who is telling the story at various points in a text.
7. Use illustrations and details in a story to describe its characters, settings, or events.
8. Compare and contrast the adventures and experiences of characters in stories.
9. With prompting and support, read prose and poetry of appropriate complexity for grade 1.

Informational Text

Student will be able to:

1. Ask and answer questions about key details in a text.
2. Identify the main topic and retell key details of a text.
3. Describe the connection between two individuals, events, ideas, or pieces of information in a text.
4. Ask and answer questions to help determine or clarify the meaning of words and phrases in a text.
5. Know and use various text features (e.g., headings, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text.
6. Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.
7. Use the illustrations and details in a text to describe its key ideas.
8. Identify the reasons an author gives to support points in a text.

9. Identify basic similarities in and differences between two texts on the same topic (e.g., in illustrations, descriptions, or procedures).
10. With prompting and support, read informational texts appropriately complex for grade 1.

Foundational Skills

Print Concepts

1. Demonstrate understanding of the organization and basic features of print.
 - a. Recognize the distinguishing features of a sentence (e.g., first word, capitalization, and ending punctuation).

Phonological Awareness

2. Demonstrate understanding of spoken words, syllables, and sounds (phonemes).
 - a. Distinguish long from short vowel sounds in spoken single-syllable words.
 - b. Orally produce single-syllable words by blending sounds (phonemes), including consonant blends.
 - c. Isolate and pronounce initial, medial vowel, and final sounds (phonemes) in spoken single-syllable words.
 - d. Segment spoken single-syllable words into their complete sequence of individual sounds (phonemes).

Phonics and Word Recognition

3. Know and apply grade-level phonics and word analysis skill in decoding words.
 - a. Know the spelling-sound correspondences for common consonant digraphs.
 - b. Decode regularly spelled one-syllable words.
 - c. Know final –e and common vowel team conventions for representing long vowel sounds.
 - d. Use knowledge that every syllable must have a vowel sound to determine the number of syllables in a printed word.
 - e. Decode two-syllable words following basic patterns by breaking the words into syllables.
 - f. Read words with inflectional endings.

g. Recognize and read grade-appropriate irregularly spelled words.

Fluency

4. Read with sufficient accuracy and fluency to support comprehension.
 - a. Read on-level text with purpose and understanding.
 - b. Read on-level text orally with accuracy, appropriate rate, and expression on successive readings.
 - c. Use context to confirm or self-correct word recognition and understanding, rereading as necessary.

Writing

Student will be able to:

1. Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply a reason for the opinion, and provide some sense of closure.
2. Write informative/explanatory texts in which they name a topic, supply some facts about the topic, and provide some sense of closure.
3. Write narratives in which they recount two or more appropriately sequenced events, include some details regarding what happened, use temporal words to signal event order, and provide some sense of closure.
4. With guidance and support from adults, focus on a topic, respond to questions and suggestions from peers, and add details to strengthen writing as needed.
5. With guidance and support from adults, use a variety of digital tools to produce and publish writing, including collaboration with peers.
6. Participate in shared research and writing projects (e.g., explore a number of “how-to” books on a given topic and use them to write a sequence of instructions).
7. With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.

Speaking and Listening

1. Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

- a. Follow agreed-upon rules for discussions (e.g., listening to others and taking turns speaking about the topics and texts under discussion).
 - b. Build on others' talk in conversations by responding to comments of others through multiple exchanges.
 - c. Ask questions to clear up any confusion about the topics and texts under discussion.
2. Ask and answer questions about key details in a text read aloud or information presented orally or through other media.
 3. Ask and answer questions about what a speaker says in order to gather additional information or clarify something that is not understood.
 4. Describe people, places, things, and events with relevant details, expressing ideas and feelings clearly.
 5. Add drawings or other visual displays to descriptions when appropriate to clarify ideas, thoughts, and feelings.
 6. Produce complete sentences when appropriate to task and situation.

Language

1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
 - a. Print many upper- and lowercase letters.
 - b. Use common, proper, and possessive nouns.
 - c. Use singular and plural nouns with matching verbs in basic sentences (e.g., He hops; We hop).
 - d. Use personal, possessive, and indefinite pronouns (e.g., I, me, my; they, them, their; anyone, everything).
 - e. Use verbs to convey a sense of past, present, and future (e.g., Yesterday I walked home; Today I will walk home; Tomorrow I will walk home).
 - f. Use frequently occurring adjectives.
 - g. Use frequently occurring conjunctions (e.g., and, but, or, so, because).
 - h. Use determiners (e.g., articles, demonstratives).
 - i. Use frequently occurring prepositions (e.g., during, beyond, toward).

- j. Produce and expand complete simple and compound declarative, interrogative, imperative, and exclamatory sentences in response to prompts.
2. Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.
 - a. Capitalize dates and names of people.
 - b. Use end punctuation for sentences.
 - c. Use commas in dates and to separate single words in a series.
 - d. Use conventional spelling for words with common spelling patterns and for frequently occurring irregular words.
 - e. Spell untaught words phonetically, drawing on phonemic awareness and spelling conventions.
3. Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 1 reading and content, choosing flexibility from an array of strategies.
 - a. Use sentence-level context as a clue to the meaning of a word or phrase.
 - b. Use frequently occurring affixes as a clue to the meaning of a word.
 - c. Identify frequently occurring root words (e.g., look) and their inflectional forms (e.g., looks, looked, looking).
4. With guidance and support from adults, demonstrate understanding of word relationships and nuances in word meanings.
 - a. Sort common objects into categories (e.g., colors, clothing) to gain a sense of the concepts the categories represent.
 - b. Define words by category and by one or more key attributes (e.g., a duck is a bird that swims; a tiger is a large cat with stripes).
 - c. Identify real-life connections between words and their use (e.g., note places at home that are cozy).
 - d. Distinguish shades of meaning among verbs differing in manner (e.g., look, peek, glance, stare, glare, scowl) and adjectives differing in intensity (e.g., large, gigantic) by defining or choosing them or by acting out the meanings.
5. Use words and phrases acquired through conversations, reading and being read to, and responding to texts, including using frequently occurring conjunctions to signal simple relationships (e.g., because).

SOCIAL STUDIES AND SCIENCE

Building knowledge systematically in English language arts is like giving children various pieces of a puzzle in each grade that, over time, will form one big picture. At a curricular or instructional level, texts—within and across grade levels—need to be selected around topics or themes that systematically develop the knowledge base of students. Within a grade level, there should be an adequate number of titles on a single topic that would allow children to study that topic for a sustained period. The knowledge children have learned about particular topics in early grade levels should then be expanded and developed in subsequent grade levels to ensure an increasingly deeper understanding of these topics. Children in the upper elementary grades will generally be expected to read these texts independently and reflect on them in writing. However, children in the early grades (particularly K–2) should participate in rich, structured conversations with an adult in response to the written texts that are read aloud, orally comparing and contrasting as well as analyzing and synthesizing, in the manner called for by the Standards.

Preparation for reading complex informational texts should begin at the very earliest elementary school grades. What follows is one example that uses domain-specific nonfiction titles across grade levels to illustrate how curriculum designers and classroom teachers can infuse the English language arts block with rich, age-appropriate content knowledge and vocabulary in history/social studies, science, and the arts. Having students listen to informational read-alouds in the early grades helps lay the necessary foundation for students' reading and understanding of increasingly complex texts on their own in subsequent grades.

Social Studies

Student will:

1. Recognize the need for rules and laws in the home, school, and community.
2. Understand the characteristics of good citizenship.
3. Identify skills required for various occupations.
4. Identify historical contributions of groups and people in United States history.
5. Identify ways that children around the world differ.
6. Recognize that changes occur over time.
7. Use timelines to track historical events.
8. Describe features of natural landforms.
9. Describe features of weather phenomena.
10. Identify natural resources as either renewable or nonrenewable, how they are used, and how to conserve them.

Science

Student will:

1. Recognize and observe safety procedures.
2. Engage in scientific inquiry.
3. Identify properties of matter.
4. Describe types of sounds and how they are made.
5. Describe how shadows are made and why they change.
6. Identify sources of energy.
7. Identify features of land, water, and sky.
8. Recognize that living things grow and change.
9. Describe the functions of bone and muscle.
10. Identify food groups.
11. Name the functions of roots, stems, and leaves.
12. Describe how seeds grow.
13. Identify features of seasons and weather, including recording temperature.

MATHEMATICS

Instructional time will focus on four critical areas: (1) developing an understanding of addition, subtraction, and strategies for addition and subtraction within 20; (2) developing understanding of whole number relationships and place value, including grouping in tens and ones; (3) developing understanding of linear measurement and measuring lengths as iterating length units; and (4) reasoning about attributes of, and composing and decomposing geometric shapes.

Mathematical Practices

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reason.

Operations and Algebraic Thinking

Represent and solve problems involving addition and subtraction.

1. Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.
2. Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.

Understand and apply properties of operations and the relationship between addition and subtraction.

3. Apply properties of operations as strategies to add and subtract.
Examples: If $8 + 3 = 11$ is known, then $3 + 8 = 11$ is also known (Commutative property of addition.) To add $2 + 6 + 4$, the second two numbers can be added to make a ten, so $2 + 6 + 4 = 2 + 10 = 12$. (Associative property of addition.)

4. Understand subtraction as an unknown-addend problem. For example, subtract $10 - 8$ by finding the number that makes 10 when added to 8.

Add and subtract within 20.

5. Relate counting to addition and subtraction (e.g., by counting on 2 to add 2).
6. Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8 + 6 = 8 + 2 + 4 = 10 + 4 = 14$); decomposing a number leading to a ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$); using the relationship between addition and subtraction (e.g., knowing that $8 + 4 = 12$, one knows that $12 - 8 = 4$); and creating equivalent but easier or known sums (e.g., adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$).

Working with addition and subtraction equations.

7. Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false. For example, which of the following equations are true and which are false? $6 = 6$, $7 = 8 - 1$, $5 + 2 = 2 + 5$, $4 + 1 = 5 + 2$.
8. Determine the unknown whole number in an addition or subtraction equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations $8 + ? = 11$, $5 = ? - 3$, $6 + 6 = ?$.

Number and Operation in Base Ten

Extend the counting sequence.

1. Count by ones, twos, fives, and tens to 120. In this range, read and write numerals and represent a number of objects with a written numeral.

Understand place value.

2. Understand that the two digits of a two-digit number represent amounts of tens and ones. Understand the following as special cases:
 - a. 10 can be thought of as a bundle of ten ones – called a “ten.”
 - b. The numbers from 11 to 19 are composed of ten and one, two, three, four, five, six, seven, eight, or nine ones.

c. The number 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones).

3. Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$.

Use place value understanding and properties of operations to add and subtract.

4. Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one add tens and tens, ones and ones, and sometimes it is necessary to compose a ten.
5. Given a two-digit number, mentally find 10 or more or 10 less than the number, without having to count; explain the reasoning used.
6. Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range 10-90 (positive or zero differences), using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Measurement and Data

Measure the lengths indirectly and by iterating length units.

1. Order three objects by length; compare the lengths of two objects indirectly by using a third object.
2. Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. Limit contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps.

Tell and write time.

3. Tell and write time in hours and half-hours using analog and digital clocks.

Represent and interpret data.

4. Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

Geometry

Reason with shapes and their attributes.

1. Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.
2. Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape (Student does not need to learn formal names such as “right rectangular prism.”)
3. Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarter, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates small shares.