

MATHEMATICS

By the end of kindergarten, students use numbers, including written numerals, to represent quantities and to solve quantitative problems. They identify, name, and describe basic two dimensional shapes, presented in a variety of ways, as well as three-dimensional shapes to model objects in their environment and to construct more complex shapes.

Counting and Cardinality

- Know number names and the count sequence.
- Count to tell the number of objects.
- Compare numbers.

Operations and Algebraic Thinking

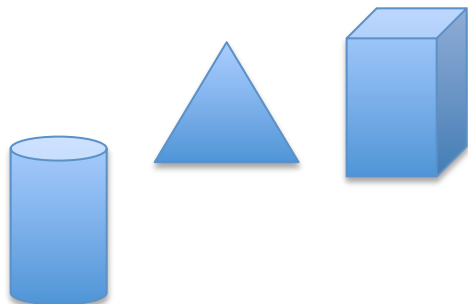
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Number and Operations in Base Ten

- Work with numbers 11-19 to gain foundations for **place value**.

Measurement and Data

- Describe and compare measurable attributes.
- Classify objects and count the number of objects in each category.



Geometry

- Identify and describe shapes.

Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

SCIENCE

Students know that:

Physical Sciences

- You can use your five senses to find out about the world and to sort objects into groups.

Life Sciences

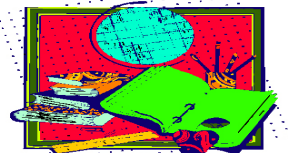
- Different types of plants and animals inhabit the earth.

Earth Science

- Earth is composed of land, air, and water.

Investigation and Experimentation

- Scientific progress is made by asking meaningful questions and conducting careful investigations. To understand this concept and to address the content in the other three strands, students should develop their own questions and perform investigations.



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KINDERGARTEN

*The
California
Standards
for
Kindergarten*

CALIFORNIA
DEPARTMENT
OF EDUCATION

F O R N I

Dear Parent/Guardian,

This standards overview provides you with information of what children learn in first grade for each subject. Your understanding of the Common Core and content standards allows you to help your child with school work, homework, and to frame your questions for parent-teacher conferences. Also, this information can guide your selection of reading and writing materials for the home, and shape your visits to libraries, museums, or other places of interests.

KINDERGARTEN

ENGLISH-LANGUAGE ARTS

Reading Standards for Literature and Informational Text

Students will:

- ask and answer questions about key details in a text.
- retell familiar stories, including key details.
- identify characters, settings, and major events in a story.
- identify the main topic and retell key details of a text.
- name the author and illustrator of a story and define the role of each in telling the story.

Foundational Skills

Students will:

- follow words from left to right, top to bottom, and page by page.
- understand that words are separated by spaces in print.
- recognize and name all upper-and lowercase letters of the alphabet.
- recognize and produce rhyming words.
- count, pronounce, blend, and segment syllables in spoken words.
- blend and segment onsets and rimes of single-syllable spoken words.
- isolate and pronounce the initial, medial vowel, and final sounds in CVC words.
- add or substitute individual sounds in simple, one-syllable words to make new words.
- demonstrate basic knowledge of one-to-one letter-sound correspondences.
- associate the long and short sounds with common spellings for the five major vowels.
- read common high- frequency words by sight.
- read emergent-reader texts with purpose and understanding.

Writing

- Students will use drawing, dictating, and writing to compose opinions, information, and narratives.



Listening and Speaking

Students will:

- follow agreed-upon rules for discussions.
- understand and follow one-and two-step oral directions.
- ask and answer questions in order to seek help, get information, or clarify something that is not understood.
- speak audibly and express thoughts, feelings, and ideas clearly.

Language

Students will:

- print many upper- and lowercase letters.
- form regular plural words orally by adding /s/ or /es/.
- understand and use question words.
- produce and expand complete sentences in shared language activities.
- capitalize the first word in a sentence and the pronoun I.
- recognize and name end punctuation.
- Spell simple words phonetically, drawing on knowledge of sound-letter relationships.

HISTORY-SOCIAL SCIENCE

Students in kindergarten are introduced to basic spatial, temporal, and causal relationships, emphasizing the geographic and historical connections between the world today and the world long ago. The stories of ordinary and extraordinary people help describe the range and continuity of human experience and introduce the concepts of courage, self control, justice, heroism, leadership, deliberation, and individual responsibility. Historical empathy for how people lived and worked long ago reinforces the concept of civic behavior: how we interact respectfully with each other, following rules, and respecting the rights of others.

Students will:

- understand that being a good citizen involves acting in certain ways.
- recognize national and state symbols and icons such as the national and state flags, the bald eagle, and the Statue of Liberty.
- match simple descriptions of work that people do and the names of related jobs at the school, in the local community, and from historical accounts.
- compare and contrast the locations of people, places, and environments and describe their characteristics.
- put events in temporal order using a calendar, placing days, weeks, and months in proper order.
- understand that history relates to events, people, and places of other times.

