

# Mathematics Standards

*Students should be able to:*

## Number and Operations

- Count objects from 1 to 10, state how many are in the set and choose a number that matches the set.
- Count forward to 20 and backward from 10.
- Compare a set of 10 or fewer objects as having more, fewer (less than) or the same number of objects as another set.
- Add and subtract whole numbers using up to 10 objects.

## Geometry

- Identify, draw and model circles, triangles, squares and rectangles in a variety of positions.
- Compare sizes (larger/smaller/same) of circles, triangles, squares and rectangles.
- Use words to describe the location of objects (near, far, up, down, below, above, beside, next to, between, over and under).
- Identify and describe shapes in the world (nature, art and human body) that have symmetry (equal parts when folded) across a line (the fold is the line of symmetry).

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## Algebra

- Identify, describe and continue a repeating pattern found in common objects, sounds and movements.

## Measurement

- Compare two objects according to attributes: length (shorter, longer); height (taller, shorter); weight (heavier, lighter)
- Identify a ruler, scale, clock, calendar and thermometer and what these instruments measure.
- Tell time to the hour using an analog clock (a clock with hour and minute hands) or a digital clock.
- Use a calendar to do the following:
  - Read and write numerals to 31.
  - Identify the day and date.
  - Identify the days of the week.
  - Identify months of the year.
  - Identify yesterday, today and tomorrow.

## Data Analysis and Probability

- Collect data (numerical information).
- Use real object graphs, picture graphs and tables to show data.
- Explain data shown on the graphs.

# Kindergarten

## California State Standards

for

## English Language Arts and Mathematics



**Maxwell Elementary  
School**

# English Language Arts Standards

*Students should be able to:*

## Reading

- Hold a book or printed material correctly.
- Point out the front cover, back cover and title page of a book.
- Know that words are read from left to right and from top to bottom on a page.
- Match a spoken word with the printed form of that word.
- Know that printed words have meaning.
- Explain his/her own writing and/or drawings.
- Know that letters represent sounds and that reading words requires a system of sound/letter rules (phonetic principles).
- Know the difference between letters and words.
- Retell familiar stories.
- Begin to draw conclusions and make inferences.
- Explain what an author does and what an illustrator does.
- Identify upper case (capital) and lower case (small) letters of the alphabet.
- Identify who is in a story and where the story takes place.
- Begin identifying words that rhyme.

- Blend sounds together to make words.
- Exchange rhyming words in sentences that have a rhyming pattern (example: I saw a cat [change to bat, mat, hat, etc.]).
- Remember details in stories by looking at the pictures and by listening to the story.
- Make connections to what is known, the world and other stories in response to what is read aloud.
- Ask and answer questions about stories read aloud.
- Respond to stories by acting them out, by writing, and by drawing.
- Identify places where words are found, such as books, magazines, newspapers, and the Internet.

## Communication

- Listen to many types of literature including stories and poems.
- Follow simple one- or two-step direction.
- Take part in group speaking activities such as reciting short poems, rhymes, etc..
- Take turns in a conversation and talk about one topic.
- Use voice appropriately for where he/she is speaking (example: inside with teacher or outside with friends).
- Begin conversations.
- Talk with others about what he/

she is learning.

## Writing

- Print his/her name.
- Draw pictures and/or use letters to tell stories about experiences, people, things and events.
- Respond to stories read aloud by talking to others, drawing pictures, and writing letters or words.
- Begin using other people's writing as a model for his/her writing.



## Research

- Ask "how" and "why" questions.
- Organize information in categories.
- Recognize that pictures and charts are sources of information.
- Gather information about a topic of interest from a variety of sources.
- Share what he/she learns about something with others.