

Math:

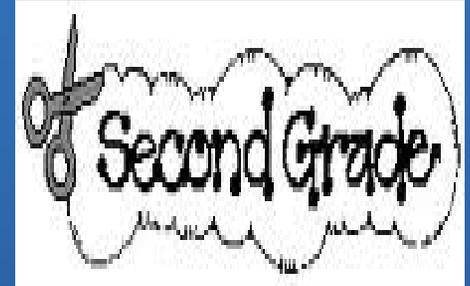
Mathematical Practices

- Explains thinking and understands the reasoning of others.
- Makes sense of problems and perseveres in solving them.
- Works accurately using appropriate tools.
- Looks for and makes use of patterns.

Skills Overview

- Develops addition and subtraction strategies for word problems with sums up to 100.

- Fluently adds and subtracts digits up to 20.
- Use addition to find total number of objects arranged in arrays with up to 5 rows and 5 columns.
- Uses place value of three digit numbers to order, compare, read, and write numbers.
- Skip counts by 5's, 10's, and 100's up to 1000.
- Adds and subtracts numbers up to 1000 using base ten blocks and mental strategies.
- Compares two three-digit numbers using $<$, $=$, $>$ symbols.
- Measures and estimates lengths in standard units.
- Tells and writes time to the nearest 5 minutes.
- Counts money up to 5 dollars.
- Represents and interprets line plots, picture graphs, and bar graphs to represent given data.
- Recognizes, describes, draws, names, and compares two and three dimensional shapes.
- Understands and represents commonly used fractions.



Science:

Second grade students use inquiry skills (questioning, investigating, gathering and analyzing data, developing and communicating explanations and outcomes) to learn and apply science concepts.

Specific Units Include:

Reptiles & dinosaurs, geology, birds, ecology, and weather

By the end of second grade, your child should be able to:

- Identify the differences between solids, liquids, and gases.
- Understand and apply daily and seasonal weather changes.
- Understand and apply the characteristics of living things and non-living things.
- Understand and apply the life cycles of animals.
- Understand and apply how animals interact with each other and their physical environments.
- Understand and apply ways to help take care of the environment.
- Understand and apply good health habits.

Literacy:

- Reads and understands grade level text independently and proficiently.
- Asks and answers questions such as who, what, where, when, why, and how to show understanding of the story.
- Describes the structure of a story including the beginning, middle, and end.
- Determines the main idea of a story or text.
- Uses information gained from illustrations and text to demonstrate understanding of characters, setting, and plot.
- Determines the meaning of vocabulary words in context.
- Locates key facts or information by using text features.
- Applies phonics and word analysis skills while decoding words.
- Reads with accuracy and fluency to support comprehension.
- Uses appropriate rate and expression in oral reading.
- Writes informational texts, narratives, and opinion pieces.
- Revises, edits, and publishes writing with the guidance of adults and peers.
- Participates in classroom discussions by listening to others, speaking one at a time, and building on conversations of others.
- Uses appropriate volume to retell a story or experience.
- Uses correct grammar when writing and speaking.
- Writes with correct capitalization, punctuation, and spelling.