



Third-Grade Learning Outcomes - Second Grading Period

This document highlights the focus standards for each grading period. Teachers may choose to review previously taught standards as well.

Reading

Applies word-analysis skills when reading.

- Use knowledge of regular and irregular vowel patterns
- Decode regular multisyllabic words

Expands vocabulary when reading.

- Use context to clarify meanings of unfamiliar words
- Use word reference sources including the glossary, dictionary, and thesaurus
- Apply meaning clues, language structure, and phonetic strategies to determine the meaning of new words
- Discuss meanings of words and develop vocabulary by listening and reading a variety of texts
- Use vocabulary from other content areas

Demonstrates comprehension of fictional texts, literary nonfiction, and poetry.

- Set a purpose for reading
- Summarize plot events
- Draw conclusions using the text for support
- Identify the conflict and the resolution
- Use reading strategies to monitor comprehension throughout the reading process
- Differentiate between fiction and nonfiction
- Read with fluency, accuracy, and meaningful expression

Demonstrates comprehension of nonfiction texts.

- Draw conclusions using the text for support
- Summarize information found in nonfiction text
- Identify the main idea
- Identify supporting details
- Use prior and background knowledge as context for new learning
- Use reading strategies to monitor comprehension throughout the reading process
- Read with fluency, accuracy, and meaningful expression

Research

Demonstrates comprehension of information resources to research a topic and complete a research product.

- Construct questions about the topic.
- Access appropriate resources.
- Collect and organize information about the topic.
- Evaluate the relevance of the information.
- Avoid plagiarism and use own words.
- Demonstrate ethical use of the Internet.

Writing

Writes in a variety of forms to include narrative, descriptive, opinion, and expository.

- Engage in writing as a process
- Identify audience and purpose
- Use a variety of prewriting strategies
- Use organizational strategies to structure writing according to type.
- Elaborate writing by including supporting details
- Express an opinion about a topic and provide fact-based reasons for support
- Write a well-developed paragraph focusing on the main idea
- Revise writing for clarity of content using specific vocabulary and information

Edits writing for capitalization, punctuation, spelling, and Standard English

- Use complete sentences
- Use past and present verb tense
- Use correct spelling including irregular plurals

Demonstrates growth in word study knowledge and applies it in writing

- Differentiated word study groups

Mathematics

Number and number sense

- Round whole numbers, 9,999 or less, to the nearest ten, hundred, and thousand (includes rounding interior numbers- for example, 2,356 rounded to the nearest ten is 2,360 and rounded to the nearest hundred is 2,400.)
- Compare whole numbers 9,999 or less
- Order three numbers 9,999 or less

Computation and estimation

- Use efficient mental strategies to develop fluency of basic addition and subtraction facts (ongoing)
- Estimate and solve single and multi-step problems to find the sum or difference of two whole numbers to 9,999 or less
- Create and solve multistep word problems
- Represent multiplication problems through 10×10 using area, set and number line models
- Apply strategies when solving multiplication problems
- Create and solve single-step practical problems that involve multiplication through 10×10
- Demonstrate fluency with multiplication facts of 0, 1, 2, 5, and 10

Measurement

- Tell time to the nearest minute using analog and digital clocks
- Determine elapsed time in one-hour increments over a 12-hour period

- Identify equivalent periods of time, including relationships among days, months and years, as well as minutes and hours
- Solve practical problems related to equivalent periods of time
- Determine the value of a collection of bills and coins whose total value is \$5.00 or less
- Compare the value of two sets of coins or two sets of coins and bills
- Make change from \$5.00 or less

Patterns, functions and algebra

- Recognize, describe and create a variety of patterns formed using concrete objects, numbers, tables and pictures, and extend the pattern, using the same or different forms

Science

Scientific investigation/reasoning/logic

- Communicate and make observations repeatedly to ensure accuracy
- Formulate predictions using a variety of sources
- Classify objects based on similar characteristics
- Order natural events chronologically
- Measure length, volume, mass, time and temperature using proper tools and techniques for standard English units and metric units
- Develop hypotheses from simple questions
- Collect, graph/chart and analyze data
- Identify unexpected/unusual data
- Communicate predictions, inferences and conclusions about the outcomes of investigations
- Design/build a model to show experimental results

Force/motion/energy and matter

- Identify and differentiate the six types of simple machines: lever, screw, pulley, wheel and axle, inclined plane and wedge
- Differentiate and classify simple machines found in school and household items
- Explain the function of the six types of simple machines
- Identify the simple machines which compose a compound machine
- Design and construct a device that contains a simple machine
- Explain that the physical properties of matter are observable characteristics that can be identified
- Infer from observations that objects are made of one or more materials
- Compare the physical properties of smaller, visible pieces of a material to those physical properties of the entire material
- Conclude that materials have their own set of physical properties that are observable
- Design an investigation to determine if the physical properties of a material will remain the same if the material is reduced in size

Earth/Space Systems and Cycles

- Identify the sun as the energy that drives the water cycle
- Describe the processes of evaporation, condensation and precipitation as they relate to the water cycle
- Construct and interpret a model of the water cycle
- Identify the different ways that organisms get water from the environment
- Identify and describe major water sources for a community including rivers, reservoirs and wells
- Explain methods of water conservation in the home and school
- Identify and communicate the importance of water to people and to other living organisms
- Analyze possible sources of water pollution around the community

Social Studies

History

- Explain how the contributions of ancient China and Egypt have influenced the present world in terms of architecture, inventions, the calendar, and written language

Geography

- Develop map skills and an understanding of change over time by locating major ancient world cultures on world maps (China and Egypt)
 - at the beginning of their culture
 - during their period of greatest influence
 - today
- Develop map skills by using globes and maps to locate and describe major rivers, mountain ranges, and other geographic features of
 - Asia
 - Africa
- Describe how people in ancient world cultures adapted to their environment (China and Egypt)

Economics

- Demonstrate an understanding of different cultures and the natural, human, and capital resources they used in the production of goods and services (China and Egypt)