Third-Grade Learning Outcomes - Third 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 knowledge of homophones.
- Use knowledge of roots, affixes, synonyms, and antonyms to determine the meaning of new words.
- Apply meaning clues, language structure, and phonetic strategies to determine the meaning of new words.
- Use context to clarify meaning of unfamiliar words.
- Discuss meanings of words and develop vocabulary by listening to and reading a variety of texts.
- Use vocabulary from other content areas.
- Use word-reference resources including the glossary, dictionary, and thesaurus.

Demonstrates comprehension of fictional texts, literary nonfiction, and poetry.
- Set a purpose for reading.
- Make connections between reading selections.
- Make, confirm, and revise predictions.
- Compare and contrast settings, characters, and plot events.
- Summarize plot events.
- Identify the narrator or a story.
- Ask and answer questions about what is read.
- Draw conclusions using the text for support.
- Identify the conflict and the resolution.
- Identify the theme.
- 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.
- Identify the author’s purpose.
- Use prior and background knowledge as context for new learning.
- Preview and use text features including table of contents, headings, pictures, captions, maps, indices, and charts.
- Ask and answer questions about what is read using the text for support.
- Draw conclusions using the text for support.
- Summarize information found in nonfiction text.
- Identify the main idea.
- Identify supporting details.
- 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.
• Write a clear topic sentence focusing on main idea.
• Elaborate writing by including supporting details.
• Use transition words to vary sentence structure.
• 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 the word I in compound subjects.
• Use past and present verb tense.
• Use adjectives correctly.
• Use singular possessives.
• Use commas in a simple series.
• Use simple abbreviations.
• Use apostrophes in contractions with pronouns and in possessives.
• Use the articles a, an, and the correctly.
• Use correct spelling including irregular plurals.
• Indicate paragraphing by indenting or skipping a line.

Demonstrates growth in word study knowledge and applies it to writing

• Differentiated word study groups

**Mathematics**

**Number and number sense**
Recognize and use the inverse relationships between multiplication/division to complete basic fact sentences. The student will use these relationships to solve problems.

Apply strategies when solving problems.

Name and write fractions and mixed numbers represented by a model.

Represent fractions and mixed numbers, with models and symbols.

Compare fractions having like and unlike denominators, using words and symbols (>, <, = or ≠) (with models).

Model fractions (including mixed numbers) with the area/region, length/measurement and set models and write fractions' names (halves, thirds, fourths, eighths, tenths and twelfths).

Model, recognize, and name improper fractions.

Use a model of a fraction greater than one, count the fractional parts to name and write it as an improper fraction and as a mixed number (e.g., 1/4 , 2/4 , 3/4 , 4/4 , 5/4 = 1 1/4 , or 2 1/3 = 7/3 )

Use models to compare to benchmarks of 0, ½, and 1.

**Computation and estimation**

- Represent division through 10 × 10, using a variety of approaches and models.
- Create and solve single-step practical problems that involve division through 10 × 10.
- Solve practical problems that involve addition and subtraction with proper fractions having like denominators of 12 or less.

**Measurement**

- Estimate and use U.S. Customary and metric units to measure
  - length to the nearest ½ inch, inch, foot, yard, centimeter and meter
  - liquid volume in cups, pints, quarts, gallons and liters
- Read temperature to the nearest degree from a Celsius thermometer and a Fahrenheit thermometer.
- Measure the distance around a polygon in order to determine perimeter using U.S. Customary and metric units.
- Estimate and use U.S. Customary and metric units to measure perimeter.
- Count the number of square units needed to cover a given surface in order to determine its area.

**Patterns, functions and algebra**

- Understand that quantities on both sides of an equals sign must be equal and that quantities on both sides of the not equal sign are not equal.
- Create equations to represent equivalent mathematical relationships.

**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.
Earth/space systems and cycles

- Explain that seasons, day and night, phases of the moon, tides and life cycles occur in patterns or cycles
- Recognize the relationships among Earth, the sun and the moon result in day and night, seasonal changes, phases of the moon and the tides
- Model and describe how Earth’s rotation causes day and night
- Model and describe how the sun’s rays strike Earth to cause seasons
- Observe, chart, and illustrate phases of the moon and describe the changing pattern of the moon as it revolves around Earth
- Collect and analyze data from simple tide tables to determine a pattern of high and low tides
- Explain the pattern of growth and change that organisms, such as the frog and butterfly undergo during their life cycle
- Identify sources of energy and their uses
- Explain that the sun is a major source of energy for Earth
- Describe how solar energy, wind, and moving water can be used to produce electricity
- Describe how fossil fuels are used as an energy source
- Compare and contrast renewable and nonrenewable energy sources
- Analyze the advantages and disadvantages of using different naturally occurring energy sources
- Design a basic investigation to determine the effects of sunlight on warming various objects and materials, including water

Social Studies

History

- Explain how the contributions of ancient Greece and Rome have influenced the present world in terms of architecture, government (direct and representative democracy), and sports

Geography

- Develop map skills and an understanding of change over time by locating major ancient world cultures on world maps (Greece and Rome)
  - 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
  - Europe
- Describe how people in ancient world cultures adapted to their environment (Greece and Rome)

**Economics**
- Demonstrate an understanding of different cultures and the natural, human, and capital resources they used in the production of goods and services (Greece and Rome)