



Fifth-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

Expand vocabulary when reading.

- Use context to clarify meaning of unfamiliar words and phrases.
- Use context and sentence structure to determine meanings and differentiate among multiple meanings of words.
- Use knowledge of roots, affixes, synonyms, antonyms, and homophones to determine the meaning of new words.
- Identify an author's use of figurative language.
- Use word-reference materials.
- Develop and use general and specialized content area vocabulary through speaking, listening, reading and writing.

Read and demonstrate comprehension of fictional texts, literary nonfiction texts, and poetry.

- Summarize plot events using details from text.
- Discuss the impact of setting on plot development.
- Describe character development.
- Identify theme(s).
- Explain the resolution of conflict(s).
- Identify genres.
- Differentiate between first and third person point-of-view.
- Differentiate between free verse and rhymed poetry.
- Explain how an author's choice of vocabulary contributes to the author's style.
- Draw conclusions and make inferences with support from text.
- Identify cause and effect relationships.
- Compare/contrast details in literary and informational nonfiction texts.
- Use reading strategies throughout the reading process to monitor comprehension.

Read and demonstrate comprehension of nonfiction texts.

- Use text features such as type, headings, graphics, to predict and categorize information.
- Skim materials to develop a general overview of content and to locate specific information.
- Identify the main idea.
- Summarize supporting details.
- Identify organizational pattern(s).
- Identify transitional words and phrases that signal an author's organizational pattern.
- Locate information from the text to support opinions, inferences, and conclusions.
- Identify cause and effect relationships.
- Differentiate between fact and opinion.
- Compare and contrast details and ideas within and between texts.
- Use reading strategies throughout the reading process to monitor comprehension.

Research

Find, evaluate, and select appropriate resources to create a research product.

- Construct questions about a topic.
- Collect and organize information from multiple resources.
- Evaluate the relevance, reliability, and credibility of information.
- Give credit to sources used in research.
- Avoid plagiarism and use own words.
- Demonstrate ethical use of the Internet.

Writing

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

- Engage in writing as a process.
- Select audience and purpose.
- Use a variety of prewriting strategies.
- Introduce and develop a topic, incorporating evidence and supporting details.
- Organize information to convey a central idea.
- Recognize different forms of writing have different patterns of organization, including story structure for narrative writing.
- Write a clear topic sentence focusing on the main idea.
- Clearly state a position, including supporting reasons and evidence to persuade the intended audience.
- Write multi-paragraph compositions.
- Use precise and descriptive vocabulary to create tone and voice.
- Vary sentence structure by using transition words and prepositional phrases.
- Revise writing for clarity of content using specific vocabulary and information.

Self- and peer-edit writing for capitalization, spelling, punctuation, sentence structure, paragraphing, and Standard English.

- Use plural possessives.
- Use adjectives and adverb comparisons.
- Use interjections.
- Use prepositional phrases.
- Use quotation marks with dialogue.
- Use commas to indicate interrupters, items in a series, and to indicate direct address.
- Use a hyphen to divide words at the end of a line.
- Edit for fragments and run-on sentences.
- Eliminate double negatives.
- Use correct spelling for commonly used words.
- Use coordinating conjunctions.

Demonstrates growth in word study knowledge and applies it to writing

- Differentiated word study groups

Mathematics

Computation and Estimation

- Use strategies to find products and quotients for basic multiplication and division facts (ongoing)
- Solve single-step and multistep practical problems involving addition and subtraction with fractions and mixed numbers and express answers in simplest form

Measurement and Geometry

- Identify equivalent measurements within the metric system
- Solve practical problems involving length, mass, and liquid volume using metric units
- Identify and describe the diameter, radius, chord and circumference of a circle
- Solve practical problems that involve perimeter, area and volume in standard units of measure
- Differentiate among perimeter, area, and volume to identify whether the application of the concept is perimeter, area, or volume is appropriate for a given situation

Patterns, Functions and Algebra

- Identify, describe, create, and extend number patterns found in objects, pictures, numbers and tables
- Describe the relationship found in a number pattern and express the relationship
- Solve practical problems with input and output rules

Science

Scientific investigation/reasoning/logic

- Identify rocks, minerals and organisms using classification keys
- Make reasonable estimations of length, mass, volume, temperature and elapsed time
- Select the proper instruments for measuring length, mass, volume, temperature and elapsed time
- Measure length, mass, volume, and temperature using metric units
- Use a testable question to form a hypothesis as cause and effect (If....Then...)
- Identify and analyze Dependent, Independent and Constant variables in an experiment
- Collect, record, analyze and report data, using charts/graphs/tables
- Distinguish between inferences and conclusions
- Make predictions/inferences, and draw conclusions based on data trends
- Construct a physical model to clarify explanations, demonstrate a relationships or solve a need

Earth patterns, cycles and changes

- Explain how Earth's surface is constantly changing
- Draw and label the rock cycle and describe the processes and rock types involved
- Compare and contrast the origin of igneous, sedimentary and metamorphic rocks
- Identify rock samples (granite, gneiss, slate, limestone, shale, sandstone and coal), using a rock classification key
- Make inferences about changes in Earth over time based on fossil evidence (includes the presence of fossils in sedimentary rocks of Virginia)
- Describe earth's structures (crust, mantle, outer core and inner core) and how Earth's interior affects the surface
- Differentiate among the three types of plate tectonic boundaries (divergent, convergent and transform) and how these relate to the changing surface of Earth and the ocean floor

- Compare and contrast the origin of earthquakes and volcanoes and how they affect Earth's surface
- Differentiate between weathering, erosion, and deposition
- Design an investigation to locate, chart and report weathering, erosion, and deposition at home and on the school grounds
- Create a plan to solve erosion and/or deposition problems
- Describe how people change Earth's surface and how negative changes can be controlled

Force, motion, energy and matter

- Describe what sound is, how it is formed, how it affects matter and how it travels
- Create and interpret a model or diagram of a compression wave
- Explain why sound waves travel only where there is matter to transmit them
- Explain the relationship between frequency and pitch
- Design an investigation to determine what factors affect the pitch of a vibrating object
- Compare and contrast sound traveling through a solid with sound traveling through the air
- Compare and contrast the sound that humans make and hear to those of other animals
- Compare and contrast how different kinds of musical instruments make sound

Social Studies

Middle East geography

- Demonstrate knowledge of the geography of the Middle East past and present that contribute to the continued unrest situation in this area today

Middle East history and culture

- Gain an understanding of the history and culture of the Middle East

African geography

- Demonstrate an understanding of the geography and major landforms of Africa

Early African History and Culture or Contemporary African History and Culture

- Demonstrate an understanding of the ancient history and cultures of Africa (empires of Aksum, Ghana, Mali, Songhai and Zimbabwe)
- Demonstrate an understanding of the contemporary history and cultures of Africa

