



Fourth-Grade Learning Outcomes - Fourth Grading Period

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

Reading

Expands vocabulary when reading.

- Use context to clarify meanings of unfamiliar words.
- Use knowledge of roots, affixes, synonyms, antonyms, and homophones to determine the meaning of new words.
- Use word-reference materials.
- Use vocabulary from other content areas.
- Develop and use general and specialized vocabulary through speaking, listening, reading, and writing.

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

- Describe how the choice of language, setting, and characters contributes to the development of plot.
- Identify the theme(s).
- Summarize events in the plot.
- Identify genres.
- Identify the narrator of a story and the speaker of a poem.
- Identify the conflict and the resolution.
- Identify sensory words.
- Draw conclusions/make inferences about text using the text as support.
- Compare/contrast details in literary and informational nonfiction texts.
- Identify cause and effect relationships.
- Use reading strategies throughout the reading process to monitor comprehension.
- Read with fluency, accuracy, and meaningful expression.

Demonstrates comprehension of nonfiction texts.

- Use text features such as type, headings, and graphics to predict and categorize information.
- Explain the author's purpose.
- Identify the main idea.
- Summarize supporting details.
- Draw conclusions and make inferences using textual information as support.
- Distinguish between cause and effect.
- Distinguish between fact and opinion.
- Use reading strategies throughout the reading process to monitor comprehension.
- Read with fluency, accuracy, and meaningful expression.

Research

Demonstrate comprehension of information resources to create a research product.

- Construct questions about a topic.
- Collect and organize information from multiple resources.
- Evaluate the relevance and reliability 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, opinion, and expository.

- Engage in writing as a process.
- Select audience and purpose.
- Narrow the topic.
- Use a variety of prewriting strategies.
- Recognize different forms of writing have different patterns of organization.
- Organize writing to convey a central idea.
- Write a clear topic sentence focusing on the main idea.
- Write related paragraphs on the same topic.
- Elaborate writing by including details to support the purpose.
- Express an opinion about a topic and provide fact-based reasons for support.
- Use transition words and prepositional phrases for sentence variety.
- Utilize elements of style, including word choice and sentence variation.
- 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 subject-verb agreement.
- Eliminate double negatives.
- Use noun-pronoun agreement.
- Use commas in series, dates, and addresses.
- Correctly use adjectives and adverbs.
- Use quotation marks with dialogue.
- Use correct spelling including common homophones.
- Use singular possessives.

Demonstrates growth in word study knowledge and applies it to writing

- Differentiated word study groups

Mathematics

Number and Number sense

- Review previous standards in Number and Number Sense

Computation and Estimation

- Demonstrate fluency with multiplication facts through 12 x 12, and the corresponding division facts
- Estimate and determine quotients of whole numbers, with and without remainders
- Create and solve single-step practical problems involving division with whole numbers

Measurement and Geometry

- Review previous standards in measurement and geometry.

Probability and Statistics

- Determine the likelihood of an outcome of a simple event
- Represent probability as a number between 0 and 1, inclusive
- Create a model or practical problem to represent a given probability

Patterns, Functions and Algebra

- Review previous standards in patterns, functions and algebra

Science

Scientific investigation/reasoning/logic

- Differentiate between observations, conclusions, inferences, and predictions
- Analyze and sort objects/events into categories and construct graphs based on characteristics/properties
- Select appropriate instruments used to measure elapsed time, length, mass, volume and temperature
- Make predictions/inferences, and draw conclusions based on data from a variety of sources
- Identify the independent, dependent, and constant variables in a simple experiment
- Create hypotheses, stated in terms of a cause and effect relationship (If....Then...)
- Collect, record, graph/chart and analyze data
- Identify unexpected/unusual data

- Present results of an experiment using graphs, pictures, statements and numbers
- Construct a model to clarify an explanation, demonstrate a relationship or solve a need

Life Processes and Living Systems

- Distinguish between plant and animal structural and behavioral adaptations
- Investigate and infer the function of animal basic adaptations
- Explain how different organisms use their unique adaptations to meet their needs and survive in a given environment
- Describe why certain communities exist in given habitats
- Illustrate the food webs in a local area
- Compare and contrast the niches of several different organisms within the community
- Compare and contrast the differing ways an organism interacts with its surroundings at various stages of its life cycle. Specific examples include a frog and a butterfly.
- Differentiate among positive and negative influences of human activity on ecosystems
- Explain basic plant anatomy and function (roots, stems, leaves, and flowers)
- Create a model or diagram showing the parts of a flower and its reproductive processes.
- I can use the following words to explain a model of a flower: pollination, stamen, stigma, pistil, sepal, embryo, spore, seed
- Explain plant pollination to include reproducing with seeds and spores
- Explain photosynthesis using the following words: sunlight, chlorophyll, water, carbon dioxide, oxygen and sugar
- Explain plant adaptations including dormancy, response to light and response to moisture

Social Studies

Civics

- Demonstrate an understanding of the reconstruction of Virginia following the Civil War by identifying the effects of segregation and “Jim Crow” on life in Virginia for American Indians, whites, and African Americans
- Demonstrate an understanding of Virginia during the twentieth century and beyond by describing the social and political events in Virginia linked to desegregation and Massive Resistance and their relationship to national history.
- Demonstrate an understanding of Virginia government, geography, and economics by identifying the three branches of Virginia government and the function of each.

History

- Demonstrate an understanding of Virginia during the twentieth century and beyond by
 - describing the political, social, or economic impact made by Woodrow Wilson, George C. Marshall, Maggie L. Walker; Harry F. Byrd, Sr.; Oliver W. Hill, Sr.; Arthur R. Ashe, Jr.; A. Linwood Holton, Jr.; and L. Douglas Wilder.
 - describing how national events, including women’s suffrage and the Great Depression, affected Virginia and its citizens

Economics

- Demonstrate an understanding of the reconstruction of Virginia following the Civil War by
 - identifying the effects of Reconstruction on life in Virginia
 - describing the importance of railroads, new industries, and the growth of cities to Virginia's economic development
- Demonstrate an understanding of Virginia during the twentieth century and beyond by describing the economic and social transition from a rural, agricultural society to a more urban, industrialized society
- Demonstrate an understanding of Virginia government, geography, and economics by
 - describing the major products and industries important to Virginia's economy
 - explaining how advances in transportation, communications, and technology have contributed to Virginia's prosperity and role in the global economy