

Language Arts in Grade 4

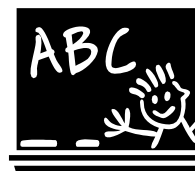


READING

Students will:

- ◆ Refer to details and examples in a text
- ◆ Summarize and determine the theme/main idea of fiction and nonfiction
- ◆ Describe a character, setting, event, and procedure in depth (fiction/nonfiction)
- ◆ Determine the meaning of words and phrases as they are used in text
- ◆ Refer to structural elements to explain major differences among fiction
- ◆ Describe the overall structure of events, ideas, or concepts in nonfiction
- ◆ Compare and contrast the viewpoint of different stories or pieces of nonfiction
- ◆ Makes connection between the text of a story and a visual or oral representation
- ◆ Interpret information presented visually, orally, or quantitatively in nonfiction
- ◆ Compare and contrast themes, topics, and patterns of literature from different cultures
- ◆ Explain how an author uses reasons/evidence to support their points
- ◆ Integrate information from two nonfiction texts on the same topic
- ◆ Fluently read and comprehend fiction/nonfiction appropriate for fourth grade

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WRITING

Students will:

- ◆ Write opinion pieces on topics or texts
- ◆ Write informative/explanatory texts
- ◆ Write narratives to develop real or imagined experiences
- ◆ Use guidance from peers/adults to plan, edit, and revise writing
- ◆ Conduct short research projects
- ◆ Use resources to find information, take notes, and make a list of sources used.
- ◆ Write for a range of time and tasks
- ◆ Use appropriate grammar and conventions

LISTENING & SPEAKING

Students will:

- ◆ Participates in class discussions and summarizes information presented
- ◆ Clearly reports on a topic or story

Mathematics in Grade 4



- ◆ Solves multi-step word problems with all 4 operations, including comparisons
- ◆ Finds factors/multiples of numbers to 100
- ◆ Determines whether a number is prime or composite
- ◆ Creates number/shape patterns given a rule
- ◆ Reads and writes numbers in standard, word, and expanded form
- ◆ Compares two multi-digit numbers
- ◆ Uses place value to round numbers
- ◆ Adds and subtracts multi-digit numbers
- ◆ Multiplies/divides multi-digit numbers
- ◆ Explains and generates equivalent fractions
- ◆ Adds, subtracts and multiplies fractions
- ◆ Uses decimal notation for fractions with denominators 10 and 100
- ◆ Compares decimals to hundredths
- ◆ Understands the sizes of measurement units (km, m, cm, kg, g, lb, oz, l, ml, hr, min, sec)
- ◆ Makes conversions within a system of measurements, including word problems
- ◆ Applies area and perimeter formulas
- ◆ Makes and interprets line plots
- ◆ Measures/sketches angles with a protractor
- ◆ Draws and identifies points, lines, line segments, rays, angles, and parallel and perpendicular lines
- ◆ Identifies and draws lines of symmetry

Science in Fourth Grade



In Life Science, students learn to:

- Students will sort/classify different living things using similar and different characteristics
- Recognize that living organisms have certain structures and systems that perform specific functions.
- Identify and explain how the structures of an organism help it to survive.
- Predict, sequence, and compare the life stages of organisms.
- Understand the effects of the environment on organisms.

In Earth/Space Science, students learn:

- To give information about Earth materials, students will explain how their characteristics lend themselves to specific uses.
- That the Earth and Earth materials have developed over long periods of time, through constant change processes.
- Use physical properties to sort, classify, and/or describe earth materials.

In Physical Science, students learn:

- Some of the various forms of energy are light, sound, heat and electrical.
- The motion of an object is affected by force. (as it relates to electricity and magnets.
- Energy is necessary for change to occur in matter. Energy can be stored, transferred and transformed, but cannot be destroyed.

* topics on a two year rotation

Social Studies in Fourth Grade



The program emphasizes history, civics and government, economics and geography in the study of the United States and New Hampshire.. Students will learn about:

- ◆ Concepts relating to New Hampshire History
- ◆ Using maps and globes to gather and compare information
- ◆ Uses information resources and technology tools to communicate an understanding of concepts
- ◆ Recognizes contributions and traditions of various cultures
- ◆ Geography and counties of New Hampshire
- ◆ That NH hold the first Primary in the USA and the importance of that to our country and NH
- ◆ Rules and laws
- ◆ Role of government in the United States and NH
- ◆ Constructing and interpreting timelines of significant historical events
- ◆ Using historical narratives and documents to understand the past
- ◆ The significance of the past to themselves and to society
- ◆ Important individuals and groups that have made a difference in history, for both good and ill
- ◆ Framing questions and using research skills to conduct historical investigations

This brochure represents a simplified version of the curriculum. For more, speak to the teacher.

Washington School District

Fourth Grade Curriculum



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