

Grade 4

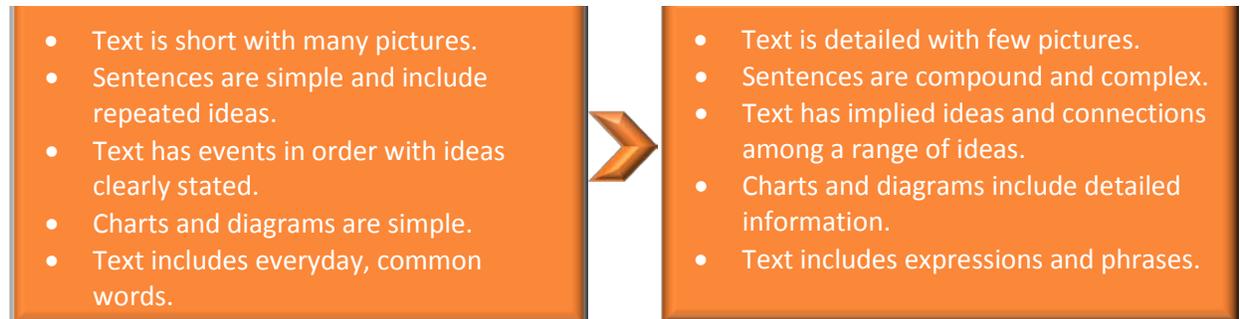
English Language Arts – Grade 4

In the primary grades, the focus of instruction is on learning to read (e.g., matching letters and sounds to read words and recognizing sight words) and learning from, and enjoying reading or listening to text read aloud. Students should:

- read/listen to stories (e.g., *Alice’s Adventures in Wonderland*), poems, plays, and informational texts (e.g., science, geography, history, directions, etc.) that may be adapted;
- produce different types of writing: stories, informational, and persuasive; and
- learn communication skills (e.g., class discussions and presentations).

The complexity of the stories and informational texts your students will read or listen to will increase throughout the year and as they move to the next grade. Following are examples of how the stories and text become more complex.

Range of Text Complexity



Instructional activities should be individualized for students as needed.

ELA Sample Instructional Activities (text complexity increases in each grade)

4th Grade

- Reading new multi-syllable words using foundational skills (e.g., phonics, sight words, and word relationships)
- Learning new words and their meaning from 4th grade stories or informational texts
- Finding details and examples that help make inferences and understand important ideas in stories or informational texts
- Comparing and contrasting the points of view in two different stories
- Comparing and contrasting how the same event can be told differently in separate informational texts
- Using text features (e.g., heading, glossary, photographs) to help find information
- Sharing ideas and information by producing opinion pieces, informational pieces, and stories using precise language and a variety of transitional words (e.g., because)
- Communicating with classmates in discussions

5th Grade Preview

- Learning the meaning of new words and multiple meaning words (e.g., mold), from reading 5th grade stories or informational texts
- Identifying the theme and finding details and examples to understand important ideas in stories or informational texts that support inferences and conclusions
- Comparing and contrasting characters, setting, events in a story
- Comparing and contrasting information in two texts (e.g., two articles about turtles)
- Summarizing a story or informational text including the important ideas and details
- Understanding how authors use their point of view to describe things and to provide evidence to support their point of view
- Understanding and using information presented visually, orally or in charts, graphs, diagrams, timelines, etc.
- Sharing ideas and information by producing opinion pieces using words to link reasons to the opinion, informational pieces using multiple sources of information, and stories using dialogue between characters
- Communicating with classmates in discussions and making presentations

Mathematics – Grade 4

In the primary grades, the focus in mathematics is on learning about numbers, solving problems, studying two- and three-dimensional shapes, and getting information from graphs.

Mathematics Sample Instructional Activities

4th Grade

- Learning about numbers by rounding to any place (i.e., ones, tens, hundreds, thousands), and reading, writing, and comparing decimals to tenths or hundredths
- Using addition, subtraction, multiplication, and division to solve problems with whole numbers
- Adding and subtracting fractions with denominators that are the same (e.g., $1/4 + 3/4$)
- Working with shapes by identifying and classifying them using angles and their names (e.g., right angles) and lines (e.g., parallel and perpendicular lines)
- Using measurement to solve problems involving mass of objects, determining length, , using formulas to calculate area and perimeter of rectangles, and converting measurements (e.g., 2 feet = 24 inches)
- Making, describing, and extending patterns
- Collecting, organizing, and explaining data in picture graphs, line graphs, and bar graphs

5th Grade Preview

- Determining place value to the thousandths, using decimals to the thousandths
- Writing numerical expressions involving only whole numbers and one or more operational symbols
- Using addition, subtraction, multiplication, and division to solve problems
- Adding, subtracting, multiplying, and dividing fractions
- Solve 1-step problems using decimals
- Identifying properties of shapes (e.g., parallel perpendicular lines)
- Graphing points on grids and finding points on x- and y- axes; comparing information in graphs
- Calculating volume of 3-dimensional rectangular shapes; converting measurements (e.g., 3 feet = 1 yard)
- Making and describing number patterns
- Determining if multiplying by a number will increase or decrease the answer
- Organizing and describing data and data patterns using bar graphs, picture graphs, and line plots