



## School Year Learning Goals

### Language Arts

By the end of fourth grade, students will read, understand, and analyze a wide range of texts. They will summarize nonfiction material and identify the main idea. Fourth graders will read two or more texts about a topic and explain what they learned about it. Students will also write stories, informative essays, and persuasive pieces using a writing process. They will use technology to publish and present their work.

### Science

By the end of fourth grade, students will be able to describe how engineering is a process and how it improves society. While exploring magnetism and electricity, students will be able to detect magnets and explain why magnets repel and attract. They will also learn how to create series and parallel circuits. In earth science, students will describe properties of minerals and their relationship to rocks.

### Math

In fourth grade, students master all mathematical operations. They will solve multi-digit multiplication and division problems and multi-step addition and subtraction problems. Fourth grade students will use fraction models to find equal fractions, read and write decimals up to three places, and solve problems with fractions and collected data. Fourth graders will develop their algebra skills by recognizing rules for input-output tables, identifying one-operation rules, and solving for unknowns in number sentences. They will also be able to name and describe triangles and quadrilaterals, classify angles, calculate area, and identify transformations by studying bar graphs, pictographs, and tally charts. They will also tell time on an analog clock, determine how much time has passed within an hour, read thermometers, and calculate temperature.

### Social Studies

In fourth grade, students will learn how people can influence their government, explore how buyers and sellers interact in a market, create and use various maps, and understand how maps and timelines describe change in communities over time.

### K-6 Health

Health programs inform students about topics like nutrition, growth, injury and disease prevention, and mental and emotional health. Students will learn about safety in all aspects of life.

### K-6 Media Technology

Students will use Internet, interactive whiteboards, and other electronic resources to creatively solve problems and collaborate with others. Students will also cultivate new skills to succeed in a global society.

### K-6 Music

Offering students a variety of musical experiences develops self-expression, confidence, and self-discipline. Focus areas include singing, rhythm, reading music, and performance.

### K-6 Physical Education

Physical education encourages students to have fun and stay fit for life. Students develop skills through a variety of challenging fitness activities.

### K-6 Visual Art

Visual art is a vital part of a well-rounded education. Students at the elementary level are exposed to a variety of artists, cultures, mediums, and techniques that empower them to think freely and explore their creativity.

