

By the End of Fourth Grade, Students Should Be Able To:

By the end of fourth grade, students are growing into confident, independent learners. They should be able to read a variety of texts fluently, think critically, and solve more complex problems in math, science, and social studies. Fourth grade builds on earlier skills and prepares students for the transition to upper elementary and middle school.

English Language Arts

- Read and comprehend both fiction and nonfiction texts at grade level.
- Identify themes, summarize key details, and use context clues to determine meaning.
- Write multi-paragraph essays with clear introductions, supporting details, and conclusions.
- Plan, draft, revise, and edit their writing for clarity and structure.
- Use correct grammar, spelling, and punctuation.
- Develop vocabulary through reading and discussion.
- Give oral presentations and participate respectfully in group discussions.

Mathematics

- Master multi-digit multiplication and division.
- Add and subtract fractions with like denominators.
- Understand decimal notation and place value up to hundredths.
- Convert between different units of measurement (inches, feet, meters, grams, etc.).
- Interpret data in charts, graphs, and tables.
- Identify and classify geometric shapes and find area and perimeter.
- Apply math skills to real-world word problems.

Science

- Understand the scientific method: making observations, forming hypotheses, and drawing conclusions.
- Explore topics such as energy, ecosystems, weather patterns, and the solar system.
- Conduct hands-on experiments and record data accurately.
- Recognize the interdependence of plants, animals, and the environment.

Social Studies

- Identify major U.S. regions and understand basic state geography and history.
- Learn about New York State's history, government, and economy.
- Use maps, timelines, and charts to understand historical events.
- Explore the roles of citizenship, community, and diversity in society.

Social and Emotional Growth

- Demonstrate responsibility and independence in completing assignments.
- Work cooperatively and respectfully with peers and teachers.
- Practice time management and goal setting.
- Show curiosity and perseverance when faced with challenges.