



Fourth Grade

What your child should know by year's end

In reading

Your child should be able to read fiction and non-fiction text at grade level with accuracy, fluency and comprehension. Students should be able to:

- Ask and answer questions about a text.
- Learn new vocabulary words.
- Determine a theme.
- Make inferences.
- Summarize text.



In writing

Your fourth grader should be able to write narrative, informational and opinion pieces using multiple paragraphs. The writing should contain punctuation, proper grammar, and rich word choices including a larger vocabulary and transitional words (next, likewise, additionally, etc.). Technology should be used for research and presentations.

Reading levels

The reading level target for the end of the year is 40 on the DRA assessment. This includes books like many of the American Girl series books, "Charlie and the Chocolate Factory" by Roald Dahl, "Hatchet" by Gary Paulsen, "Charlotte's Web" by E.B. White, and "Because of Winn-Dixie" by Kate DeCamillo.



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In math

By the end of the year, your child should be able to:

- Fluently add and subtract multi-digit whole numbers.
- Write and solve problems involving multiplication of 2-digit x 2-digit and 1-digit x 4-digit numbers.
- Write and solve division problems involving up to 4-digit numbers divided by a single digit number.
- Fluently add and subtract fractions with like denominators.
- Fluently multiply fractions by a whole number.
- Round whole numbers up to hundred thousands.
- Understand the concept of angles and measure angles.
- Convert metric and customary units.



In science

Your child will understand that:

- Energy is present whenever there are moving objects, sound, light, or heat.
- Waves of the same type can differ in amplitude (height of the wave) and wavelength (spacing between wave peaks).
- Plants and animals have structures that help them grow and survive.
- Water, ice, wind, living organisms, and gravity break rocks, soils, and sediments into smaller particles and move them around.
- The locations of mountain ranges, deep ocean trenches, ocean floor structures, earthquakes, and volcanoes occur in patterns.

In social studies

Students will learn more about Michigan after it became a state. The study will include social studies concepts and how people interact within an increasingly complex social environment.