

# Fifth Grade Reading

## What my Child will Learn This Year

Below are expectations of what your child will learn in fifth grade reading this year. We are reporting student standards differently than in the past to help you understand the areas your child will be working on during the school year. Specific skills evaluated on your child's report card are detailed below. More subject areas can be found in the previous formats on our district website, [www.waterloo.k12.ia.us](http://www.waterloo.k12.ia.us), under the Teaching and Learning section.

**Reading Habits:** At the end of the year, a proficient student reads independently for information and enjoyment. This means your student can:

- 1) Read for a variety of reasons.
  - 2) Set a purpose for reading.
  - 3) Set reading goals and create a plan to achieve the goals.
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**Reading Comprehension:** At the end of the year, a proficient student can:

- 1) Apply skills and strategies to understand text.
  - 2) Write a full summary of text.
  - 3) Monitor his or her own comprehension for meaning.
  - 4) Reflect on the most important events of text.
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**Vocabulary:** At the end of the year, a proficient student can use a variety of strategies to develop and expand reading vocabulary. This means your student can:

- 1) Use knowledge of words and word parts to automatically read words and focus on text.
  - 2) Use new vocabulary when speaking, writing, listening, and reading.
  - 3) Sort words into a variety of categories and use this knowledge to figure out and use new words.
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**Fluency:** At the end of the year, a proficient student reads high frequency words. This means your student can:

- 1) Read at a rate of 125 words per minute or above on grade level text.
  - 2) Read with expression and phrasing to understand the story.
  - 3) Accurately read at grade level text at 95% understanding or above.
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**Word Work:** At the end of the year, a proficient student can:

- 1) Sort words, letters, or pictures into categories.
- 2) Recognize familiar words quickly.
- 3) Notice and use patterns in words for reading and writing.
- 4) Use a variety of strategies to figure out words.

### District Mission

The Waterloo School community commits to a comprehensive system of education and support to assure that each and every student will graduate prepared for college, career, and citizenship as evidenced by continuing education, pursuing a career path, and contributing to a community.



**WATERLOO**  
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# Fifth Grade Math

## What my Child will Learn This Year

Below are expectations of what your child will learn in fifth grade math this year. We are reporting student standards differently than in the past to help you understand the areas your child will be working on during the school year. Specific skills evaluated on your child's report card are detailed below. More subject areas can be found in the previous formats on our district website, [www.waterloo.k12.ia.us](http://www.waterloo.k12.ia.us), under the Teaching and Learning section.

**Number Sense and Operations:** At the end of the year, a proficient student can:

- 1) Solve multiplication and division problems using efficient strategies.
  - 2) Use factors as a strategy to multiply.
  - 3) Fluent in multiplication and division facts.
  - 4) Understand the place value system.
  - 5) Understand relationships among the operations (+, -, x, /).
  - 6) Solve problems in ways that make sense and explains thinking.
  - 7) Estimate and use mental math to solve problems.
  - 8) Use equivalent fractions as a strategy to add and subtract fractions with unlike denominators.
  - 9) Read, write, and compare numbers expressed as decimals.
  - 10) Apply understanding of multiplication and division to multiply or divide fractions.
  - 11) Solve division problems with 1 and 2 digit divisors using efficient strategies.
  - 12) Perform operations with multi-digit whole numbers and with decimals to hundredths.
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**Algebra:** At the end of the year, a proficient student can:

- 1) Write and interpret numerical expressions.
  - 2) Analyze patterns and relationships.
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**Geometry:** At the end of the year, a proficient student can:

- 1) Graph points using coordinates on an X-Y axis to solve real-world and mathematical problems.
  - 2) Apply concepts of perimeter, area, and volume to solve problems.
  - 3) Measure and classify angles.
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**Measurement:** At the end of the year, a proficient student can:

- 1) Understand concepts of volume and relate volume to multiplication and to addition.
  - 2) Convert like measurement units within a given measurement system.
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**Data:** At the end of the year, a proficient student can:

- 1) Represent and interpret data.

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