



What Incoming 6th Graders Need to Know

The following are essential learnings and expectations for graduating 5th graders, as identified by Middle School teachers.

Math

Students will demonstrate knowledge of:

- **Read and write decimals using place value.**
- **Round numbers**
- **Order positive fractions, decimals and mixed numbers**
- **Write equivalent fractions, decimals and mixed numbers**
- **Add, subtract, multiply and divide fractions and decimals**
- **Multiply and divide multi-digit numbers fluently**
- **Knowledge of area of quadrilaterals and triangles**

Reading

Students will demonstrate knowledge of:

- **Main idea and supporting details**
- **How to write a one paragraph summary**
- **How to construct a proper 5th grade sentence**
- **Theme in fiction**
- **Plot in a story**
- **How to use context clues to find the meaning of new vocabulary**
- **The difference between 1st and 3rd person point of view**
- **The difference between fact and opinion**
- **Figurative language**
- **Knowledge of all literary elements**
- **Fluently read and comprehend all subject matter**

Writing

Students will demonstrate knowledge of:

- **Understanding of 5th grade level grammar and conventions**
- **Know the difference between all forms of writing.**
- **5th grade spelling words**
- **Contents of writing (Beginning, middle, end).**

- **Know basic parts of speech**

Science

Students will demonstrate knowledge of:

- **Scientific Method**
- **Phase Change**
- **Simple Math (addition, subtraction, multiplication, division)**
- **Directions (North, South, West, East, Left, Right)**
- **Everything is composed of Energy**
- **Waves**

Social Studies

Students will demonstrate knowledge of:

- **Indigenous People and patterns of life**
- **Dakota and Anishinaabe (Ojibwe) Nations**
- **European Exploration**
- **Colonization**
- **Treaties**
- **Civil War**
- **World War I & II**
- **Civil Rights**
- **Minorities of Minnesota (Mexicans, Hmong, and Somalis)**