Parent Guide to Grade 6 Standards

MATHEMATICS

MILWAUKEE PUBLIC SCHOOLS

What should my child learn in Grade 6?

Ratios and Proportional Relationships

- Understand ratio concepts and use ratio to solve problems.

Number System

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Multiply and divide multi-digit numbers. Find common factors and multiples.

Expressions and Equations

- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.

Statistics and Probability

- Develop understanding of statistical variability.
- Summarize and describe distributions.

Geometry

- Solve real-world problems involving area, surface area, and volume.

Mathematical Practice

- Make sense of problems and persevere in solving them.
- Construct viable arguments and critique the reasoning of others.
- Use appropriate tools strategically.
- Attend to precision.

How Can I Help My Child Learn at Home?

1. **Link mathematics with daily life:** Include your child in situations that involve mathematics such as a budget, discounts, reading a map, recipes, etc.
2. **Be positive:** Help your child have a "can do" attitude toward math by praising their efforts.
3. **Make mathematics fun:** Play math-related games. Solve puzzles and brain teasers with your child.
4. **Learn about mathematics-related careers:** Research careers with your child, and find out what he or she should be doing now to prepare for these options.
5. **Have high expectations:** Have a mindset that your child can do complex math and succeed in advanced mathematics.
6. **Support math homework.**



Infinite Campus Parent Portal

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Get 24-hour access to view your child's academics, attendance, and resources to support achievement. Go to your child's school to sign up for an account and bring photo identification. Once registered, access your account online at mpsmke.com/parentportal.

For more information, contact your child's teacher, school leader or the MPS Office of Academics at (414) 777-7806 or mpsmke.com/academics.

The MPS Ambitious Instruction Plan strengthens core instruction and builds a strong foundation across academic areas with a focus on mastery of reading, writing, and mathematics skills.

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