

Parent Guide to Grade 7 Standards



MILWAUKEE
PUBLIC SCHOOLS

MATHEMATICS

What should my child learn in Grade 7?

Ratios and Proportional Relationships

- Analyze proportional relationships and use them to solve real-world problems.

Number System

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

Expressions and Equations

- Use properties of operations to make equal expressions.
- Solve real-life problems using numerical and algebraic expressions and equations.

Statistics and Probability

- Use random selections to estimate a population.
- Evaluate probability representations.
- Draw informal comparative inferences about two populations.

Geometry

- Draw, construct, and describe geometric figures, and describe the relationships between them.

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.**



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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.