

Parent Guide to Grade 4 Standards



MILWAUKEE
PUBLIC SCHOOLS

MATHEMATICS

What should my child learn in Grade 4?

Operations

- Use the four operations—add, subtract, multiply, and divide—to solve problems.
- Do skip counting and find missing numbers.

Operations in Base Ten

- Use place value to round numbers to the nearest 10 or 100.
- Multiply one-digit whole numbers by multiples of 10.

Number and Operations—Fractions

- Extend understanding of fraction equivalence and ordering.
- Understand decimal notation for fractions, and compare decimal fractions.

Measurement and Data

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Understand concepts of angle, and measure angles.

Geometry

- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

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?



- Link mathematics with daily life:** Include your child in situations that involve mathematics such as a budget, discounts, reading a map, recipes, etc.
- Fractions:** Help your child solve real-world problems involving addition and subtraction of fractions.
- Be positive:** Help your child have a “can do” attitude toward math by praising your child’s efforts.
- Make mathematics fun:** Play math-related games. Solve puzzles with your child.
- Represent numbers:** Encourage your child to write or represent numbers in different ways.
- Have high expectations:** Have a mindset that your child can do complex math.
- Support math homework.**



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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.