

Parent Guide to K5 Standards



MILWAUKEE
PUBLIC SCHOOLS

MATHEMATICS

What should my child learn in K5?

Counting

- Know numbers and count to 100 by ones and by tens.
- Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group.

Operations

- Understand addition as putting together and adding to, and subtraction as taking apart and taking from.

Operations in Base Ten

- Combine numbers from 11 to 19 into tens and ones (e.g., $18 = 1 \text{ ten} + 8 \text{ ones}$).

Measurement and Data

- Describe and compare measurable characteristics.
- Classify objects and count the number of objects in each category (e.g., triangles, squares, rectangles).

Geometry

- Identify and describe shapes (for example, number of sides in a square).

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.

K4 Wisconsin Model Early Learning Standards (WMELS)

<https://dpi.wi.gov/early-childhood/practice>



Infinite Campus Parent Portal

Get real-time updates and alerts right on your phone!

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.

How Can I Help My Child Learn at Home?



- 1 Patterns:** Choose toys that help your child learn patterns.
- 2 Counting:** Have your child count objects regularly. Try counting by twos or fives or tens. Recognize different coins.
- 3 Make mathematics fun:** Play math-related games. Solve puzzles and brain teasers with your child.
- 4 Shape recognition:** Ask your child to name shapes.
- 5 Play "more or less":** At different times, use the words "more" or "less" so your child learns arithmetic vocabulary.
- 6 Everyday measurement:** Help your child begin to understand measurement as "how many" units of the same size.

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.