

# Mathematics

Grades  
**5-8**

By the end of the 5<sup>th</sup> through 8<sup>th</sup> Grade Program I can . . .

## Number Sense & Operations



- Represent, compare and order fractions, decimals and percents to solve problems.
- Add, subtract, multiply, divide and compare numbers written in scientific notation.

## Measurement



- Describe, use and compare U.S. and metric measurement units and convert from one measurement system to another.
- Demonstrate and use measurement formulas.

## Geometry



- Identify, describe and classify angles and plot ordered pairs.
- Describe and use the concepts of congruency, similarity and symmetry.

## Patterns & Algebra



- Use symbolic algebra to represent patterns and explain mathematical relationships.

## Data Analysis & Probability



- Collect, organize, display and interpret data for specific purposes and needs.

## Mathematical Processes



- Recognize and use mathematical language and symbols when reading, writing and talking with others.
- Use more than one strategy to solve a problem and understand the advantages of different methods and tools.

These are just some of the things I can do. For more information about Mathematics Standards, look for the Standards section on the CPS Website: [www.cps-k12.org](http://www.cps-k12.org)

**Cincinnati Public Schools**

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