

Fifth Grade Math Learning Overview

This year, fifth graders will explore important math concepts through hands-on activities, problem-solving, and engaging lessons. Here's a look at what your child will be learning:

Unit 1: Whole Number Operations and Applications: Volume, Multiplication, and Division

- Understand Volume
- Find Volume Using Unit Cubes
- Find Volume Using Formulas
- Multiply Whole Numbers
- Divide Whole Numbers

Unit 2: Decimals and Fractions: Place Value, Addition, and Subtraction

- Understand Place Value
- Understand Powers of 10
- Read and Write Decimals
- Compare and Round Decimals
- Add Decimals
- Subtract Decimals
- Add Fractions
- Subtract Fractions
- Add and Subtract in Word Problems

Unit 3: More Decimals and Fractions: Multiplication and Division

- Multiply a Decimal by a Whole Number
- Multiply Decimals
- Divide Decimals
- Fractions as Division
- Understand Multiplication by a Fraction
- Multiply Fractions to Find Area
- Understand Multiplication as Scaling
- Multiply Fractions in Word Problems
- Understand Division with Unit Fractions
- Divide Unit Fractions in Word Problems

Unit 4: Measurement, Data, and Geometry: Converting Units, Using Data, and Classifying Figures

- Convert Measurement Units
- Solve Word Problems Involving Conversions
- Make Line Plots and Interpret Data
- Understand Categories of Two-Dimensional Figures
- Classify Two-Dimensional Figures

Unit 5: Algebraic Thinking and the Coordinate Plane: Expressions, Graphing Points, Patterns and Relationships

- Evaluate, Write, and Interpret Expressions
- Understand the Coordinate Plane
- Represent Problems in the Coordinate Plane
- Analyze Patterns and Relationships

Throughout the Year...

Your child will also participate in “Math in Action” projects like designing floor plans, creating data displays, or mapping coordinates—making math meaningful through creative, real-world activities.

