

Fourth Grade Math Learning Overview

This year, fourth 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 Numbers: Place Value, Comparison, Addition, and Subtraction

- Understand Place Value
- Compare Whole Numbers
- Round Whole Numbers
- Add Whole Numbers
- Subtract Whole Numbers

Unit 2: Operations: Multiplication, Division, and Algebraic Thinking

- Understand Multiplication as a Comparison
- Multiplication and Division in Word Problems
- Multiples and Factors
- Number and Shape Patterns
- Model and Solve Multi-Step Problems

Unit 3: Multi-Digit Operations and Measurement: Multiplication, Division, Perimeter and Area

- Multiply by One-Digit Numbers
- Multiply by Two-Digit Numbers
- Use Multiplication to Convert Measurements
- Divide Three-Digit Numbers
- Divide Four-Digit Numbers
- Find Perimeter and Area

Unit 4: Fractions, Decimals, and Measurement: Addition, Subtraction, and Multiplication

- Understand Equivalent Fractions
- Compare Fractions
- Understand Fraction Addition and Subtraction
- Add and Subtract Fractions
- Add and Subtract Mixed Numbers
- Add and Subtract Fractions in Line Plots
- Understand Fraction Multiplication
- Multiply Fractions by Whole Numbers
- Fractions as Tenths and Hundredths
- Relate Decimals and Fractions
- Compare Decimals
- Problems About Time and Money
- Problems About Length, Liquid Volume, Mass, and Weight

Unit 5: Geometry and Measurement: Figures, Classification, and Symmetry

- Points, Lines, Rays, and Angles
- Angles
- Add and Subtract with Angles
- Classify Two-Dimensional Figures
- Symmetry

Throughout the Year...

Your child will also take part in hands-on “Math in Action” projects like planning a school event, measuring and designing a space, or analyzing class data—bringing math to life in fun, creative, and meaningful ways!