

Program Table of Contents

GRADE 5

Unit 1: Math is ...

8 Days

- 1-1 Math is Mine
- 1-2 Math is Exploring and Thinking
- 1-3 Math is In My World
- 1-4 Math is Explaining and Sharing
- 1-5 Math is Finding Patterns
- 1-6 Math is Ours

Unit 2: Volume

10 Days

- 2-1 Explore Volume
- 2-2 Use Unit Cubes to Determine Volume
- 2-3 Use Formulas to Determine Volume
- 2-4 Determine the Volume of Composite Figures
- 2-5 Solve Problems Involving Volume

Unit 3: Place Value and Number Relationships

12 Days

- 3-1 Generalize Place Value
- 3-2 Extend Place Value to Decimals
- 3-3 Read and Write Decimals
- 3-4 Compose and Decompose Multi-Digit Numbers with Decimals
- 3-5 Compare and Order Multi-Digit Numbers with Decimals

- 3-6 Use Place Value to Round Multi-Digit Numbers with Decimals

Unit 4: Add and Subtract Multi-Digit Numbers with Decimals

11 Days

- 4-1 Estimate Sums and Differences of Decimals
- 4-2 Decompose to Add Decimals
- 4-3 Use Partial Sums to Add Decimals
- 4-4 Use an Algorithm to Add Decimals
- 4-5 Decompose to Subtract Decimals
- 4-6 Use Related Addition to Subtract Decimals
- 4-7 Use an Algorithm to Subtract Decimals

Unit 5: Multiply Multi-Digit Whole Numbers

12 Days

- 5-1 Estimate Products of Multi-Digit Factors
- 5-2 Relate Partial Products to an Algorithm
- 5-3 Use Partial Products to Multiply Multi-Digit Factors
- 5-4 Multiply Multi-Digit Factors Fluently
- 5-5 Solve Multi-Step Problems Involving Multiplication

Unit 6: Multiply Multi-Digit Numbers with Decimals

10 Days

- 6-1 Estimate Products of Multi-Digit Numbers with Decimals
- 6-2 Patterns When Multiplying Decimals by 10 or 100
- 6-3 Patterns When Multiplying Decimals by 0.1 or 0.01
- 6-4 Explore Multiplication of Decimals
- 6-5 Use an Area Model to Multiply Multi-Digit Numbers with Decimals
- 6-6 Solve Multi-Step Problems Involving Money and Multiplication

Unit 7: Divide Multi-Digit Whole Numbers

12 Days

- 7-1 Estimate Quotients
- 7-2 Relate Multiplication and Division of Multi-Digit Numbers
- 7-3 Represent Division of 2-Digit Divisors
- 7-4 Use Partial Quotients to Divide
- 7-5 Relate Partial Quotients to an Algorithm
- 7-6 Use an Algorithm to Divide
- 7-7 Solve Multi-Step Problems Involving Division

7-8 Solve Multi-Step Problems

Unit 8: Divide Multi-Digit Numbers with Decimals

11 Days

8-1 Estimate Quotients of Multi-Digit Numbers with Decimals

8-2 Division Patterns with Decimals

8-3 Explore Division of Decimals by a Whole Number

8-4 Divide Decimals by Whole Numbers

8-5 Divide Whole Numbers by Decimals

8-6 Divide Decimals by Decimals

8-7 Solve Multi-Step Problems Involving Money

Unit 9: Add and Subtract Fractions

13 Days

9-1 Estimate Sums and Differences of Fractions

9-2 Represent Addition of Fractions with Unlike Denominators

9-3 Add Fractions with Unlike Denominators

9-4 Represent Subtraction of Fractions with Unlike Denominators

9-5 Subtract Fractions with Unlike Denominators

9-6 Add Mixed Numbers with Unlike Denominators

9-7 Subtract Mixed Numbers with Unlike Denominators

9-8 Add and Subtract Mixed Numbers with Regrouping

9-9 Solve Problems Involving Fractions and Mixed Numbers

Unit 10: Multiply Fractions

12 Days

10-1 Predict Products of Fractions

10-2 Represent Multiplication of a Fraction by a Fraction

10-3 Multiply a Fraction by a Fraction

10-4 Represent Multiplication of Mixed Numbers

10-5 Multiply Mixed Numbers

10-6 Solve Problems Involving Area

10-7 Solve Problems Involving Perimeter

10-8 Solve Problems Involving Fractions

Unit 11: Divide Fractions

10 Days

11-1 Relate Fractions to Division

11-2 Solve Problems Involving Division

11-3 Explore Division of Whole Numbers by Unit Fractions

11-4 Divide Whole Numbers by Unit Fractions

11-5 Explore Division of Unit Fractions by Non-Zero Whole Numbers

11-6 Divide Unit Fractions by Non-Zero Whole Numbers

11-7 Solve Problems Involving Fractions

Unit 12: Geometry

10 Days

12-1 Understand the Coordinate Plane

12-2 Plot Ordered Pairs on the Coordinate Plane

12-3 Represent Problems on a Coordinate Plane

12-4 Classify Triangles

12-5 Classify Quadrilaterals

12-6 Identify Three-Dimensional Figures

12-7 Classify Three-Dimensional Figures

Unit 13: Measurement and Data

12 Days

13-1 Represent Numerical Data

13-2 Represent Data on a Line Graph

13-3 Solve Problems Involving Numerical Data

13-4 Determine Mode, Median, and Range of a Data Set

13-5 Determine Mean of a Data Set

13-6 Convert Customary Units

13-7 Convert Metric Units

13-8 Solve Multi-Step Problems Involving Measurement Units

