

# Math Curriculum

**Class:** Grade 3

**Book:** McGraw-Hill My Math Common Core

## VOLUME 1

### ➤ Chapter 1: Place Value

- Lesson 1: Place Value Through Thousands
- Lesson 2: Compare Numbers
- Lesson 3: Order Numbers
- Lesson 4: Round to the Nearest Ten
- Lesson 5: Round to the Nearest Hundred
- Lesson 6: Problem-Solving Investigation: Use the Four-Step Plan

### ➤ Chapter 2: Addition

- Lesson 1: Addition Properties
- Lesson 2: Patterns in the Addition
- Lesson 3: Addition Patterns
- Lesson 4: Add Mentally
- Lesson 5: Estimate Sums
- Lesson 6: Hands On: Use Models to Add
- Lesson 7: Add Three-Digit Numbers
- Lesson 8: Add Four-Digit Numbers
- Lesson 9: Problem-Solving Investigation: Reasonable Answers

### ➤ Chapter 3: Subtraction

- Lesson 1: Subtract Mentally
- Lesson 2: Estimate Differences
- Lesson 3: Problem-Solving Investigation: Estimate or Exact Answer
- Lesson 4: Hands On: Subtract with Regrouping
- Lesson 5: Subtract Three-Digit Numbers
- Lesson 6: Subtract Four-Digit Numbers
- Lesson 7: Subtract Across Zeros

### ➤ Chapter 4: Understand Multiplication

- Lesson 1: Hands On: Model Multiplication
- Lesson 2: Multiplication as Repeated Addition
- Lesson 3: Hands On: Multiply with Arrays
- Lesson 4: Arrays and Multiplication
- Lesson 5: Problem-Solving Investigation: Make a Table
- Lesson 6: Use Multiplication to Find Combinations

➤ **Chapter 5: Understand Division**

- Lesson 1: Hands On: Model Division
- Lesson 2: Division as Equal Sharing Lesson 3: Relate Division and Subtraction
- Lesson 4: Hands On: Relate Division and Multiplication
- Lesson 5: Inverse Operations
- Lesson 6: Problem-Solving Investigation: Use Models

➤ **Chapter 6: Multiplication and Division Patterns**

- Lesson 1: Patterns in the Multiplication Table
- Lesson 2: Multiply by 2
- Lesson 3: Divide by 2
- Lesson 4: Multiply by 5
- Lesson 5: Divide by 5
- Lesson 6: Problem-Solving Investigation: Look for a Pattern Lesson 7: Multiply by 10
- Lesson 8: Multiples of 10
- Lesson 9: Divide by 10

➤ **Chapter 7: Multiplication and Division**

- Lesson 1: Multiply by 3
- Lesson 2: Divide by 3
- Lesson 3: Hands On: Double a Known Fact
- Lesson 4: Multiply by 4
- Lesson 5: Divide by 4
- Lesson 6: Problem-Solving Investigation: Extra or Missing Information
- Lesson 7: Multiply by 0 and 1
- Lesson 8: Divide by 11 and 12

➤ **Chapter 8: Apply Multiplication and Division**

- Lesson 1: Multiply by 6
- Lesson 2: Multiply by 7
- Lesson 3: Divide by 6 and 7
- Lesson 4: Multiply by 8
- Lesson 5: Multiply by 9
- Lesson 6: Divide by 8 and 9
- Lesson 7: Problem-Solving Investigation: Make an Organized List
- Lesson 8: Multiply by 11 and 12
- Lesson 9: Divide by 11 and 12

- **Chapter 9: Properties and Equations**
  - Lesson 1: Hands-On: Take Apart to Multiply
  - Lesson 2: The Distributive Property
  - Lesson 3: Hands-On: Multiply Three Factors
  - Lesson 4: The Associative Property
  - Lesson 5: Write Expressions
  - Lesson 6: Evaluate Expressions
  - Lesson 7: Write Equations
  - Lesson 8: Solve Two-Step Word Problems
  - Lesson 9: Problem-Solving Investigation: Use Logical Reasoning

## VOLUME 2

- **Chapter 10: Fractions**
  - Lesson 1: Unit Fractions
  - Lesson 2: Part of a Whole
  - Lesson 3: Part of a Set
  - Lesson 4: Problem-Solving Investigation: Draw a Diagram
  - Lesson 5: Hands On: Fractions on a Number Line
  - Lesson 6: Equivalent Fractions
  - Lesson 7: Fractions as One Whole
  - Lesson 8: Compare Fractions
- **Chapter 11: Measurement**
  - Lesson 1: Hands On: Estimate and Measure Capacity
  - Lesson 2: Solve Capacity Problems
  - Lesson 3: Hands On: Estimate and Measure Mass
  - Lesson 4: Solve Mass Problems
  - Lesson 5: Tell Time to the Minute
  - Lesson 6: Time Intervals
  - Lesson 7: Problem-Solving Investigation: Work Backward
- **Chapter 12: Represent and Interpret Data**
  - Lesson 1: Collect and Record Data
  - Lesson 2: Draw Scaled Picture Graphs
  - Lesson 3: Draw Scaled Bar Graphs
  - Lesson 4: Relate Bar Graphs to Scaled Picture Graphs Lesson 5: Draw and Analyze Line Plots
  - Lesson 6: Hands On: Measure to Halves and Fourths of an Inch
  - Lesson 7: Collect and Display Measurement Data Lesson 8: Problem-Solving Investigation: Solve a Simpler Problem

➤ **Chapter 13: Perimeter and Area**

- Lesson 1: Hands On: Find Perimeter
- Lesson 2: Perimeter
- Lesson 3: Hands On: Understand Area
- Lesson 4: Measure Area
- Lesson 5: Hands On: Tile Rectangles to Find Area
- Lesson 6: Area of Rectangles
- Lesson 7: Hands On: Area and the Distributive Property
- Lesson 8: Area of Composite Figures
- Lesson 9: Area and Perimeter
- Lesson 10: Problem-Solving Investigation: Draw a Diagram

➤ **Chapter 14: Geometry**

- Lesson 1: Hands On: Angles
- Lesson 2: Polygons
- Lesson 3: Hands On: Triangles
- Lesson 4: Quadrilaterals
- Lesson 5: Shared Attributes of Quadrilaterals
- Lesson 6: Problem-Solving Investigation: Guess, Check, and Revise
- Lesson 7: Partition Shapes