Class: Math – How to Teach Elementary Math

Class Length: Varies by Grade Level  
Schedule: Varies  

Resources needed:  
- Corresponding lessons on SchoolhouseTeachers.com  

Instructions: These are some resources that we have available by grade level to help you teach math at home. Use this lesson plan as a table of contents for what is available within the course. Find the topic that you need help with and check the box once you have accessed the material. A page for recording notes is included at the end.

### Kindergarten
- Lesson 1: Kindergarten: Rainbow Pairs to 10
- Lesson 2: Kindergarten: Numbers 2 Before and After
- Lesson 3: Kindergarten: Rainbow Facts Template
- Lesson 4: Kindergarten: Easy Addition
- Lesson 5: Kindergarten: Easy Subtraction
- Lesson 6: Kindergarten: Addition: Double Facts

### First Grade
- Lesson 1: First Grade: Count on 2 within 10 – Overview
- Lesson 2: First Grade: Count on 2 within 10 – Part Two
- Lesson 3: First Grade: Double +1 Addition Facts
- Lesson 4: First Grade: Difference of 1, 2, or 3
- Lesson 5: First Grade: Count on 1 Addition
- Lesson 6: First Grade: Count on 1, Count Back 1
- Lesson 7: First Grade: Ten Frame Introduction
- Lesson 8: First Grade: Near 10; Adding 8
- Lesson 9: First Grade: Count on 2 Addition Facts
- Lesson 10: First Grade: Count on 1, 2, or 3
- Lesson 11: First Grade: Ten Frame Flash Cards
- Lesson 12: First Grade: Subtracting 0 and 10
- Lesson 13: First Grade: Counting on and Back by 1
Lesson 14: First Grade: Addition Fact Families
Lesson 15: First Grade: Subtract 2-Digit Using Algorithm
Lesson 16: First Grade: Checkup Test: Easy Multiplication
Lesson 17: First Grade: Probability
Lesson 18: First Grade: Easy Multiplication

Second Grade
Lesson 1: Second Grade: Count Back 3 Subtraction
Lesson 2: Second Grade: Multiplying by 10
Lesson 3: Second Grade: Addition Number Families
Lesson 4: Second Grade: Converting Fractions Easy
Lesson 5: Second Grade: Counting Fractions Along a Line
Lesson 6: Second Grade: Introducing Fractions
Lesson 7: Second Grade: Fractions: Halves, Fourths, Quarters
Lesson 8: Second Grade: Add and Subtract, Doubling and Halving
Lesson 9: Second Grade: Multiplication and Division Families
Lesson 10: Second Grade: Easy Multiplication and Division
Lesson 11: Second Grade: Counting Fractions Along a Line
Lesson 12: Second Grade: Easy Division
Lesson 13: Second Grade: Double Addition Facts
Lesson 14: Second Grade: Subtraction Halving
Lesson 15: Second Grade: Adding 9

Third Grade
Lesson 1: Third Grade: Multiplication Division Facts x3
Lesson 2: Third Grade: Near 10 Facts
Lesson 3: Third Grade: Addition and Subtraction
Lesson 4: Third Grade: Multiplication and Division
Lesson 5: Third Grade: Equivalent Fractions
Lesson 6: Third Grade: Addition and Subtraction Rainbow
Lesson 7: Third Grade: Double Strategy 4x Facts
Lesson 8: Third Grade: Nine Times Tables
Lesson 9: Third Grade: Dividing by 5 and 10
Lesson 10: Third Grade: Dividing by 4
Lesson 11: Third Grade: Roman Numerals to 399
Lesson 12: Third Grade: Nine Times Tables and Strategies
Lesson 13: Third Grade: Multiplication Strategies
Lesson 14: Third Grade: Multiplication Tables
Lesson 15: Third Grade: Hundreds, Tens, and Ones Place
Lesson 16: Third Grade: All Operations: Remaining Facts 6x

Fourth Grade
Lesson 1: Fourth Grade: Division with Remainders
Lesson 2: Fourth Grade: Revision of Multiplication
Lesson 3: Fourth Grade: Divisibility
Lesson 4: Fourth Grade: Extended Multiplication Division
Lesson 5: Fourth Grade: Rainbow Facts
Lesson 6: Fourth Grade: Division by 5 and 10 W/R
Lesson 7: Fourth Grade: Division with Remainders
Lesson 8: Fourth Grade: Skip Counting in Hundredths
Lesson 9: Fourth Grade: Comparing Fractions
Lesson 10: Fourth Grade: Adding Nice Numbers
Lesson 11: Fourth Grade: Factors and Multiples
Lesson 12: Fourth Grade: Subtracting 100

Fifth Grade
Lesson 1: Fifth Grade: Adding “Nice” Numbers
Lesson 2: Fifth Grade: Dividing by 10, 100, and 1,000
Lesson 3: Fifth Grade: Fractions with Denominators
Lesson 4: Fifth Grade: Fractions with Denominators (Harder)
Lesson 5: Fifth Grade: Simplifying Fractions
Lesson 6: Fifth Grade: Improper Fractions and Mixed Numbers
Lesson 7: Fifth Grade: Fractions into Decimals
Lesson 8: Fifth Grade: Doubling Large Numbers
Lesson 9: Fifth Grade: Calculating 1%
Lesson 10: Fifth Grade: Multiplying and Dividing
Lesson 11: Fifth Grade: Factors and Multiples
Lesson 12: Fifth Grade: Probability with Spinners
Lesson 13: Fifth Grade: Fractions to Decimals

Why Teach Math and Developing Number Fluency
Lesson 1: Why Teach Math
Lesson 2: Mental Strategies
Lesson 3: Development of Mental Strategies
Lesson 4: The Dream
Lesson 5: Physical and Visual Models
Lesson 6: Develop Math Thinking
Lesson 7: Developing Automatic Responses
Lesson 8: A Four-Phase Model
Lesson 9: More Ten-Frames Examples
Lesson 10: Multiplication with Arrays
Lesson 11: Developing Confidence
Lesson 12: A Systematic Approach
Lesson 13: Show Any Number with a Line
Lesson 14: Math and Old Technology
Lesson 15: Public Places to Teach Symmetry
Lesson 16: Multiplication Facts I
Lesson 17: Multiplication Facts II
Lesson 18: Math and Critical Thinking
Lesson 19: What Is Really Important?
Lesson 20: Teaching Slope
Lesson 21: Five Misconceptions
Lesson 22: Memorizing Times Tables
Lesson 23: Six Simple, Free Activities
Lesson 24: Sundials and Math
# Class: Math – How to Teach Elementary Math

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