



Curriculum Outline GRADE 3

A Guide for Grade 3 Math Curriculum

GRADE 3

years

GEOMETRY

- Identify Planar and Solid Shapes
- Which 2 Dimensional Shape Is Described?
- Compare Sides and Corners
- Classify Quadrilateral Shapes
- Area with Unit Squares and Units
- Area with Unit Squares
- Area of Rectangles
- Area of Squares and Rectangles
- Area of Complex Figures
- Find the Perimeter
- Perimeter: Find the Missing Side Length
- Compare Area and Perimeter of Two Figures
- Use Area and Perimeter to Determine the Cost
- Relationship Between Area and Perimeter
- Area of Squares and Rectangles Review

MEASUREMENT

- Which Metric Unit Is Appropriate?

TIME

- Reading Clocks
- Find the Change in Time
- Find the Change in Time
- Time Patterns
- Change in Time Review

GRAPHING

- Interpret Bar Graphs
- Create Bar Graphs Using Tables
- Interpret Pictographs
- Create Pictographs

ESTIMATION

- Rounding with Numbers Up to 5000
- Rounding with Numbers Up to 100,000
- Solve Inequalities Using Estimation
- Estimate Sums with Numbers Up to 1000
- Estimate Products Up to 1000
- Estimate Quotients Up to 1000

ADDITION

- Add Two Numbers Up to 1000
- Numbers Up to 1000
- Complete the Equation with Numbers Up to 1000
- Balance Addition Equations with Operands Up to 1000
- Increasing Addition Patterns
- Properties of Addition
- Solve Using Properties of Addition
- Addition Input/Output Tables with Numbers Up to 100
- Numbers Up to 1000 Review

NUMBER PROPERTIES

- Value of Underlined Digit with Numbers up to 1000
- Identify the Digit with a Particular Place Value
- Simplify Expanded Form
- Properties of Addition
- Solve Using Properties of Addition
- Choose the Equivalent Fraction
- Write Mixed Numbers in Words
- Relate Addition and Multiplication
- Properties of Multiplication with Factors Up to 12
- Solve Using Properties of Multiplication with Factors Up to 12
- Solve Inequalities Using Estimation

NUMBER PATTERNS

- Increasing Addition Patterns
- Increasing Subtraction Patterns

SUBTRACTION

- Subtract Two Numbers Up to 1000
- Subtraction with Operands Up to 1000
- Complete the Subtraction Sentence
- Balance Subtraction Equations with Operands Up to 1000

FRACTIONS

- Identify Fractions Up to Tenths
- Fraction
- Compare Fractions
- Make Equivalent Fractions
- Choose the Equivalent Fraction
- Reducing Fractions to Lowest Terms
- What Mixed Fraction Is Shown?
- Write Mixed Numbers in Words

MULTIPLICATION

- Multiplication by 10
- Multiplication with Pictures
- Multiplication
- Missing Factors
- Multiply Three or More Numbers
- Multiplication Input/Output Tables: Find the Rule
- Solve Using Properties of Multiplication with Factors Up to 12
- Relate Multiplication and Division with Factors Up to 12
- Multiply Two Numbers
- Squares: Multiply by the Same Number
- Multiplication with a Specific Number Up to 12
- Multiplication Input/Output Tables
- Multiplication Tables

DIVISION

- Division with Divisors Up to 10
- Input/Output Tables
- Division with Divisors Up to 10
- Three Digit Numbers
- Select the Rule with Input/Output Tables
- Complete the Division Sentence
- Divide Two Numbers with Divisors Up to 12
- Division with a Specific Number Up to 9
- Division: Complete the Table

MIXED EQUATIONS

- Solve Mixed Equations
- Complete the Mixed Equation Sentence
- Solve Mixed Equations II
- Mixed Equation with Numbers Up to 100
- Multi-Step
- Solve for the Variable with Addition and Subtraction
- Solve for the Variable with Multiplication and Division
- Write Variable Equations to Represent

COMPARISON

- Greatest and Least