



## Mathematics Grade 3 Curriculum

Based on Indiana Department of Education Academic Standards

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### Week 1

#### + Number Sense

- Read and write whole numbers up to 10,000
  - Words
  - Models
  - Standard form
  - Expanded form
  - Rounding Numbers
  - Compare whole numbers
    - Greater than, less than, equal to, etc  $>$ ,  $<$ ,  $=$
  - Fractions
    - Numerators and denominators (limit denominators to 2, 3, 4, 6, 8)
    - Fractions on a number line
    - Equivalent fractions

### Week 2

#### + Computation

- Adding and subtracting whole numbers
- Multiplying whole numbers
  - Grouping, arrays, and area models
  - Multiplying by 1 and 0
  - Multiplication tables 1-10

### Week 3

#### + Computation (continued)

- Dividing whole numbers
  - Dividend, divisor, quotient
  - Dividing by 1 and 0
  - Division tables 1-10

## Week 4

### + Geometry

- Shapes and Figures
  - Cubes
  - Spheres
  - Prisms
  - Pyramids
  - Cones
  - Cylinders
  - Rhombus
  - Rectangle
  - Square
  - Quadrilateral
  - Bases, sides, angles
  - Right Angle
  - Parallel
  - Points, lines, line segments

## Week 5

### + Measurement

- Estimate and Measure
  - Length, Width, Height
    - Inches, feet, yards
    - Centimeters, meters, etc
  - Area
  - Perimeter
  - Volume
    - Quarts
    - Gallons
    - Liters
  - Mass
    - Grams
    - Kilograms

## Week 6

### + Measurement (continued)

- Temperature
  - Celsius

- Fahrenheit
- Time
  - Analog Clock
  - Digital Clock
- Money
  - Cents
  - Dollars
  - Coins (pennies, nickels, dimes, quarters)

### Week 7

#### + Data Analysis

- Data
- Observation
- Survey
- Picture graph
- Bar graph
- Frequency table

### Week 8

#### + Algebraic Thinking

- Review of previous lessons
- Word/story problems using addition, subtraction, multiplication and division with fractions, shapes/figures, money, time, temperature, etc

