



Yearly Overview

Elementary Math

Third Grade

2023-2024

Students will use the following process skills to engage with the third grade content throughout the school year.

- Applying mathematics to problems arising in everyday life
- Using a problem solving model
- Select tools and techniques to solve problems
- Communicating mathematical ideas
- Create and use representations
- Analyze mathematical relationships to connect and communicate mathematical ideas
- Display, explain, and justify mathematical ideas
- Use precise mathematical language

Term 1

- **Place Value**
 - Use objects, pictures, numbers (expanded notation) to compose and decompose numbers to 100,00
 - Relationships in the base-10 place value system
 - Compare and order numbers up to 100,00
- **Addition and Subtraction**
 - Solve one-step and two-step problems
 - Represent one-step and two-step problems
- **Rounding/Estimation**
 - Round whole numbers using a number line
 - Estimate solutions using rounding or compatible numbers
- **Multiplication**
 - Determine the number of objects with grouped or in arrays up to 10 by 10
 - Represent multiplication facts using variety of approaches
 - Recall facts to multiply up to 10 by 10

Term 2

- **Multiplication & Division**
 - Determine the number of objects with grouped or in arrays up to 10 by 10
 - Represent multiplication facts using variety of approaches
 - Recall facts to multiply up to 10 by 10 and related division fact
 - Multiply a two-digit number by a one-digit number
 - Solve one-step and two step problems within 100
 - Represent problems with arrays, diagrams or equations
 - Comparing fractions with same numerator or denominator
- **Data Analysis**
 - Summarize data using frequency tables, dot plots, pictograph or bar graphs
 - Solve one and two step problems using data
- **Money**
 - Determine the value of a collection of coins and bills



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Term 3

- **Relationship Tables**
 - Represent real world relationships in a table
- **Fractions**
 - Represent fractions
 - Compose and decompose fractions
 - Solve problems involving portioning or sharing among two or more
 - Equivalent fractions
 - Comparing fractions with same numerator or denominator
- **Geometry**
 - Classify and sort two- and three dimensional figures
 - Use attributes to recognize examples of quadrilaterals
- **Perimeter & Area**
 - Determine the perimeter of a polygon
 - Determine the area of a rectangle using rows times number of squares in the row

Term 4

- **Measurement**
 - Determine capacity or weight using appropriate units and tools
- **Elapsed Time**
 - Solve problems involving time intervals
- **Personal Financial Literacy**
 - Human capital/labor/income
 - Scarcity
 - Credit
 - Spending and saving decisions