



Yearly Overview

Elementary Math

Second Grade

2024-2025

Students will use the following process skills to engage with the second-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

- **Numerical Foundations Place Value**
 - Use standard, word and expanded forms to represent numbers to 120
 - Compare numbers to 120 using language, numbers and symbols
 - Determine whether a number is odd or even using pairings of objects
 - Locate a whole number that corresponds to a specific point on the number line
- **Addition**
 - Recall basic addition facts
 - Add two-digit numbers
 - Solve one-step and multistep word problems
 - Represent and solve word problems
 - Generate word problems
- **Subtraction**
 - Subtract two-digit numbers
 - Solve one-step and multistep word problems
 - Represent and solve word problems
 - Generate word problems

Term 2

- **Time**
 - Read and write time to the nearest minute
- **Addition & Subtraction**
 - Add two-digit numbers
 - Subtract two-digit numbers
 - Solve one-step and multistep word problems
 - Represent and solve word problems
- **Geometry**
 - Classify and sort two-dimensional shapes and three-dimensional solids based on attributes
 - Compose and decompose two-dimensional shapes
 - Create two-dimensional shapes



Yearly Overview Elementary Math Second Grade

2024-2025

Term 3

- **Data**
 - Organize data into pictographs and bar graphs with intervals more than one
 - Write and solve word problems based on pictographs and bar graphs
 - Draw conclusions and make predictions from a graph
 - **Numerical Foundations Place Value**
 - Use standard, word and expanded forms to represent numbers to 1,200
 - Compare numbers to 1,200 using language, numbers and symbols
 - Determine whether a number is odd or even using pairings of objects
 - **Money**
 - Determine the value of a collection of coins up to a dollar
 - **Addition**
 - Recall basic addition facts
 - Add three-digit numbers
 - Represent and solve one and multi-step word problems
 - Generate word problems
 - **Subtraction**
 - Subtract three-digit numbers
 - Solve one-step and multistep word problems
 - Represent and solve word problems
 - Generate word problems
 - **Measurement**
 - Find the length of objects using concrete models
 - Determine the length of an object using rulers, yardsticks, meter sticks, or measuring tape
 - Solve problems involving length
 - Use models to find the area of a rectangle
-



Yearly Overview Elementary Math Second Grade

2024-2025

Term 4

- **Measurement**
 - Find the length of objects using concrete models
 - Determine the length of an object using rulers, yardsticks, meter sticks, or measuring tape
 - Solve problems involving length
 - Use models to find the area of a rectangle
- **Fractions**
 - Partition objects into equal parts and name the parts
 - Count fractional part beyond a whole with concrete models
- **Multiplication & Division**
 - Model, create & describe contextual multiplication and division situations with concrete objects
- **Personal Financial Literacy**
 - Calculate savings
 - Saving versus spending
 - Deposits and withdrawal
 - Borrowing
 - Producers and consumers