



# Yearly Overview Elementary Math Second Grade

2020-2021

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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

- **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
- **Number Line**
  - 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

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## Term 2

- **Addition**
  - Recall basic addition facts
  - Add two-digit numbers
  - Represent and solve one and multi-step word problems
  - Generate word problems
- **Money**
  - Determine the value of a collection of coins up to a dollar
- **Time**
  - Read and write time to the nearest minute
- **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



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## 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
  - **Geometry**
    - Classify and sort two-dimensional shapes and three dimensional solids based on attributes
    - Compose and decompose two-dimensional shapes
    - Create two-dimensional shapes
  - **Subtraction**
    - Subtract two digit numbers
    - Solve one-step and multistep word problems
    - Represent and solve word problems
    - Generate word problems
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## 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
  - **Addition & Subtraction**
    - Add and subtract up to three digit numbers
    - Solve one-step and multistep word problems
    - Represent and solve word problems
    - Generate word problems
  - **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
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