



# Yearly Overview Elementary Math First Grade

2022-2023

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Students will use the following process skills to engage with the first 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

- **Addition & Subtraction**
  - Solve problems involving joining, separation, and comparing within 10
  - Apply basic fact strategies
  - Explain strategies used to solve problems
  - Add or subtract two or three numbers
- **Geometry**
  - Classify, sort, and identify two-dimensional and describe the attributes
  - Identify three-dimensional solids and describe the attributes
  - Create two-dimensional shapes
  - Compose two-dimensional shapes to produce a target shape
  - Partition shapes to make fair shares or equal parts
  - Identify halves and fourths

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## Term 2

- **Time**
  - Tell time to the hour and half hour using analog and digital clocks
- **Data Analysis**
  - Collect, sort and organize using tally marks or T-charts
  - Create picture and bar-type graphs
  - Draw conclusions and answer questions from graphs



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## Term 3

- **Number Sense**
  - Compose and decompose number to 120
  - Use objects, pictures, expanded and standard form to represent numbers to 120
  - Compare numbers up to 120; using comparative language and symbols
  - Order whole numbers
- **Money**
  - Identify coins and describe relationship among them
  - Write the value of a collection of coins with a cent symbol
  - Determine the value of a collection of pennies, nickels, and/or dimes

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## Term 4

- **Addition & Subtraction**
  - Solve problems involving joining, separation, and comparing within 20
  - Apply basic fact strategies
  - Explain strategies used to solve problems
  - Add or subtract two or three numbers
- **Measurement**
  - Describe a length to the nearest whole unit
- **Personal Financial Literacy**
  - Money as income
  - Income as means of obtaining goods and services; making choices between wants and needs
  - Distinguish between spending and saving
  - Charitable giving