



Yearly Overview Elementary Math First Grade

2019-2020

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

- **Number Sense**
 - Compose and decompose number to 99
 - Use objects, pictures, expanded and standard form to represent numbers to 99
 - Compare numbers up to 99; using comparative language and symbols
 - Order whole numbers
- **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

Term 2

- **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
- **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 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
- **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
- **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

Term 4

- **Time**
 - Tell time to the hour and half hour using analog and digital clocks
 - **Measurement**
 - Describe a length to the nearest whole unit
 - **Geometry**
 - Partition shapes to make fair shares or equal parts
 - Identify halves and fourths
 - **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
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