



# Yearly Overview Elementary Math Kindergarten

2020-2021

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

- **Geometry**
  - Identify two-dimensional shapes and their attributes
  - Classify and sort regular and irregular two-dimensional shapes
  - Create two-dimensional shapes
- **Number Sense**
  - Count up to at least 10
  - Read, write and represent numbers from 0 to 10
  - Compose and de-compose up to 10 with objects and pictures
  - Compare sets of objects

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## Term 2

- **Measurement**
  - Examples of measurable attributes (length, capacity and weight)
  - Compare objects with common measurable attribute
- **Data Analysis**
  - Collect, sort and organize data
  - Create real-object and picture graphs
  - Draw conclusions with graphs
- **Number Sense**
  - Count up to at least 20
  - Read, write and represent numbers from 0 to 20
  - Compose and de-compose up to 10 with objects and pictures
  - Compare sets of objects
  - Generate a number one more or less than another number



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## Term 3

- **Geometry**
  - Review of two-dimensional shapes
  - Identify three-dimensional solids
  - Identify two-dimensional components of three-dimensional solids
  - Classify and sort regular and irregular three-dimensional shapes
- **Number Sense**
  - Compose and de-compose up to 10 with objects and pictures
  - Compare sets of objects
  - Generate a number one more or less than another number
- **Addition & Subtraction**
  - Model the action of joining to represent addition and the action of separating to represent subtraction
  - Solve problems using objects and drawings
  - Explain strategies used to solve problems

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## Term 4

- **Addition & Subtraction**
    - Model the action of joining to represent addition and the action of separating to represent subtraction
    - Solve problems using objects and drawings
    - Explain strategies used to solve problems
  - **Data Analysis**
    - Collect, sort and organize data
    - Create real-object and picture graphs
    - Draw conclusions with graphs
  - **Money**
    - Identify U.S. coins by name (penny, nickel, dime and quarter)
  - **Measurement**
    - Examples of measurable attributes (length, capacity and weight)
    - Compare objects with common measurable attribute
  - **Number Sense**
    - Compare two numbers up to 20 when written as numerals
  - **Personal Financial Literacy**
    - Ways to earn income
    - Differentiate between money received
    - Simple job skills
    - Wants and Needs
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