



Yearly Overview Elementary Math Kindergarten

2024-2025

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
 - Compare sets of objects and numerals
 - Generate Sets

Term 2

- **Number Sense**
 - Compose and de-compose up to 10 with objects and pictures
- **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
- **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 3

- **Number Sense**
 - Count up to at least 20
 - Read, write and represent numbers from 0 to 20
 - Compare sets of objects and numerals
 - Generate Sets
 - Compose and de-compose up to 10 with objects and pictures
- **Money**
 - Identify U.S. coins by name (penny, nickel, dime and quarter)
- **Number Sense**
 - Compose and de-compose up to 10 with objects and pictures

Term 4

- **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
- **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
- **Personal Financial Literacy**
 - Ways to earn income
 - Differentiate between money received
 - Simple job skills
 - Wants and Needs
- **Review of Kindergarten Skills**