

Kindergarten Mathematics

These are the expectations for a student by the end of Kindergarten.

Numbers, Number Systems and Number Relationships

- Demonstrates correspondence between number and objects
- Identifies numbers to 30
- Writes numbers to 20
- Orders numbers to 20
- Counts by ones and tens to 100
- Writes numbers to 20
- Identifies pennies, nickels, dimes and quarters by name
- Identifies the value of coins: penny, nickel, dime, quarter

Computation and Estimation

- Adds numbers to 10 using concrete objects
- Subtracts numbers to 10 using concrete objects

Measurement and Estimation

- Measures objects using non-standard units
- Identifies and uses systems of measurement

Mathematical Reasoning and Connections

- Uses math vocabulary comparison terms when making predictions regarding the quantity, size, and shape of objects

Mathematical Problem Solving and Communication

- Uses problem solving skills to solve real world tasks

Statistics and Data Analysis

- Constructs and interprets data on a graph

Probability and Predictions

- States and explains the likelihood of an event

Algebra and Functions

- Identifies a pattern
- Extends a given pattern
- Creates a pattern

Geometry

Identifies and describes 2D geometric shapes using concrete objects
Identifies 3D geometric shapes using concrete objects