

Kindergarten - Mathematics

Kindergartners will:

- Use numbers to name quantities such as more than, same number as, less than, or two less than
- Use sets of concrete objects to represent quantities through 9
- Use numbers to describe objects in sets through 20
- Use language such as before or after to describe sequence
- Name ordinal positions in a sequence
- Share a whole by separating into parts
- Model and create addition and subtraction problems
- Explore estimation and reasonableness
- Identify, extend, and create patterns of sound
- Count by ones to 100
- Describe relationships such as over, under, or below
- Describe and identify objects by attributes
- Identify, describe, and compare circles, triangles, rectangles, and squares
- Compare and order objects by length, capacity, and weight, and temperature
- Read a calendar
- Construct graphs and use information from graphs
- Use math to solve real life situations such as drawing a picture, looking for a pattern or systematic guessing and checking

Kindergarten - Science

Kindergartners will:

- Plan, conduct, and determine simple explanations for experiments
- Describe properties of objects and events
- Observe, identify, recognize, and copy patterns
- Sort objects into groups
- Observe, record, and describe parts of plants and animals
- Manipulate parts of an object
- Observe, record, and describe changes in size, mass, color, position, quantity, sound, movement, time, and temperature
- Group both living and non-living objects
- Observe and describe properties of rock, soil, and water
- Identify ways that the earth can provide resources