

## Kindergarten Mathematics Skills and Concepts Overview

### 1. Numeration Strand

- Read, count, and write numbers
- Explore counting to 100+
- Group objects and count by 1's, 2's, 5's, and 10's
- Explore numbers in the environment
- Represent numbers with numerals and pictures

### 2. Measurement Strand

- Describe locations: front, back, between, next to, over, under
- Measure using balance scales and thermometers
- Begin to use standard and non-standard tools for measurement

### 3. Geometry Strand

- Recognize squares, rectangles, triangles, circles, lines, and points
- Compare, sort, classify, draw, and build familiar shapes
- Compare models to actual shapes

### 4. Operations Strand

- Represent a problem by drawing a picture
- Verbally explore solving a problem
- Explore open-ended sentences

### 5. Patterns and Functions Strand

- Create and model patterns with sounds, motions, pictures, and objects
- Identify patterns in the environment
- Look for patterns on the calendar
- Explore change, sequences, and cause/effect relationships
- Make graphs and interpret results

### 6. Money Strand

- Identify coins
- Learn value of each coin (penny, nickel, dime, quarter)
- Begin exchanging coins by value

### 7. Clocks and Calendars Strand

- Identify the parts of a clock (face, minute hand, hour hand, numbers)
- Tell time to the hour
- Identify the days of the week
- Identify months of the year

### 8. Data and Chance Strand

- Gather and organize data
- Make predictions and discuss results
- Explore ways to solve problems