

Grand Island Public Schools

KINDERGARTEN MATHEMATICS

As a result of their participation in this course, students will:

Strand 1: Number and Operations

- Count by rate to 100.
- Match a numeral to a set of objects up to 20.
- Compare sets that have more, less, and some.
- Name the numbers 0-20 in random order.
- Count back from 10.
- Develop meaning for addition and subtraction using a tens frame and other manipulatives.
- Write numbers 0-30.

Strand 2: Algebraic Concepts

- Identify and continue a pattern using concrete materials.
- Create a pattern using concrete materials.

Strand 3: Geometry, Spatial Concepts, and Measurement

- Name these shapes: circle, square, rectangle, and triangle.
- Classify objects into circles, triangles, squares, and rectangles.
- Compare and order groups of objects using nonstandard/standard units of measure.
- Show awareness of time and its passage.
- Name and state the value of these coins: penny, nickel, and dime.
- Describe/investigate spatial relationships using location and position.

Strand 4: Data Analysis, Probability, and Statistics

- Make and interpret simple graphs.