



Kindergarten Mathematics

Refer to the Utah State Mathematics Standards for more detail

Mathematical Practice Standards

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Counting and Cardinality

- a. Know number names and the counting sequence.
- b. Count to tell the number of objects.
- c. Identify and compare quantities of objects and numerals.

Operations and Algebraic Thinking

- a. Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Numbers and Operations in Base Ten

- a. Compose and decompose numbers 11-19 to gain foundations for place value.

Measurement and Data

- a. Describe and compare measurable attributes of objects.
- b. Classify objects and count the number of objects in each category.

Geometry

- a. Identify and describe shapes, including squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres.
- b. Analyze, compare, create, and compose shapes.