

# Kindergarten Mathematics

## 2007 Next Generation Sunshine State Standards

### Big Idea1: Represent, compare, and order whole numbers and join and separate sets.

BENCHMARK CODE	BENCHMARK
MA.K.A.1.1	Represent quantities with numbers up to 20, verbally, in writing, and with manipulatives.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>
MA.K.A.1.2	Solve problems including those involving sets by counting, by using cardinal and ordinal numbers, by comparing, by ordering, and by creating sets up to 20.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>
MA.K.A.1.3	Solve word problems involving simple joining and separating situations.  <i>Cognitive Complexity/Depth of Knowledge Rating: High</i>

### Big Idea2: Describe shapes and space.

BENCHMARK CODE	BENCHMARK
MA.K.G.2.1	Describe, sort and re-sort objects using a variety of attributes such as shape, size, and position.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>
MA.K.G.2.2	Identify, name, describe and sort basic two-dimensional shapes such as squares, triangles, circles, rectangles, hexagons, and trapezoids.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>
MA.K.G.2.3	Identify, name, describe, and sort three-dimensional shapes such as spheres, cubes and cylinders.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>
MA.K.G.2.4	Interpret the physical world with geometric shapes and describe it with corresponding vocabulary.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>
MA.K.G.2.5	Use basic shapes, spatial reasoning, and manipulatives to model objects in the environment and to construct more complex shapes.  <i>Cognitive Complexity/Depth of Knowledge Rating: High</i>

### Big Idea3: Order objects by measurable attributes.

BENCHMARK CODE	BENCHMARK
MA.K.G.3.1	Compare and order objects indirectly or directly using measurable attributes such as length, height, and weight.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>

### Supporting Idea4: Algebra

BENCHMARK CODE	BENCHMARK
MA.K.A.4.1	Identify and duplicate simple number and non-numeric repeating and growing patterns.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>

### Supporting Idea5: Geometry and Measurement

BENCHMARK CODE	BENCHMARK
MA.K.G.5.1	Demonstrate an understanding of the concept of time using identifiers such as morning, afternoon, day, week, month, year, before/after, shorter/longer.  <i>Cognitive Complexity/Depth of Knowledge Rating: Moderate</i>