**Earth Science**

***Rocks and Soils***

­ Uses senses to observe/group rocks (large/small, heavy/light, smooth/rough, dark/light)

­ Uses senses to observe soils (smell, texture, color, particle size)

­ Recognizes earth materials (soil, rocks, water, air, etc.)

**Physical Science**

***Physical properties of materials***

­ Compares/sorts materials (clay, cloth, paper, plastic)

­ Uses senses to classify materials (color, size, shape, weight, texture, buoyancy, flexibility)

**Measurement and Data**

***Describe and compare measurable attribute – Not assessed this quarter***

**Geometry**

***Identify and describe shapes***

* Describes objects in the environment using names of shapes/use positional words to describe relative position of shapes (above, below, beside, in front of, behind, next to)
* Names shapes: square, circle, triangle, rectangles, hexagon, cube, sphere, cone, cylinder regardless of orientation or size
* Identifies shapes as 2-D (flat) and 3-D (solid)

***Analyze, compare, create, and compose shapes***

* Analyzes and compares similarities and differences in 2D and 3D shapes
* Models shapes by building with materials (sticks/clay) and draws shapes
* Composes simple shapes to form larger shapes (two triangles make a rectangle)

**Science Standards**

**Mathematics Standards – WORKING TOWARDS MASTERY OF THE STANDARDS**

**Counting and Cardinality**

***Know number names and the count sequence***

* Counts to 100 by **ones** and **tens**
* Counts forward beginning from a given number between 1-100
* Writes and represents numbers from 0 to 20 using one to one correspondence

***Count to tell the number of objects***

* Says number names in order using one-to-one
* Understands that the last number name said tells the number of objects counted
* Understands that counting refers to a quantity that is one larger
* Count to answer “how many?” (up to 20 things arranged in a line, array, or a circle; up to 10 things in a scattered)

***Compare Numbers***

* Identifies groups of objects as greater than, less than, or equal
* Compares written numbers 1-10

**Operations and Algebraic Thinking**

***Understand addition as putting together/adding to & Subtraction as taking apart/taking From – Not assessed this quarter***

**Number and Operations in Base Ten**

***Work with numbers 11-19 to Gain foundations for place value***

* Not Assessed this quarter.

**Kindergarten Quarter 2 2014-2015**