Unit Learner Outcomes

**Sorting, Classifying, Counting, and Categorizing Data**

* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)
* K.DA.1 Students will identify, sort, and classify objects by size, number, and other attributes. Students will be able to identify objects that do not belong to a particular group and explain reasoning. (Blooms: knowledge, comprehension, analysis)

**Identifying and Describing Shapes**

* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.G.2 Students will compare two- and three- dimensional shapes in different sizes and orientations, using simple language to describe similarities, differences, and parts. (Blooms: comprehension)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)

**Position and Location of Shapes**

* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.G.1 Students will describe the positions of objects and geometric shapes in space using the terms inside, outside, between, below, above, near, far, under, over, up, down, behind, in front of, next to, to the left, to the right. (Blooms: knowledge)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)

**Analyzing, Comparing, and Composing Shapes**

* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.G.2 Students will compare two- and three- dimensional shapes in different sizes and orientations, using simple language to describe similarities, differences, and parts. (Blooms: comprehension)
* K.G.3 Students will model shapes in the world by composing shapes from objects and drawing shapes. (Sticks and clay balls) (Blooms: application)
* K.G.4 Students will compose simple geometric shapes to form larger shapes. (create a diamond composed of two triangles) (Blooms: synthesis)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)

**One to Five**

* K.NS.2 Students will write whole numbers from 0 to 20 and recognize number words from 0 to 10. Represent a number of objects with a written numeral 0-20. (Blooms: knowledge, application)
* K.NS.3 Students will find the number that is one more or one less than any whole number up to 20. (Blooms: knowledge)
* K.NS.4 Students will say the number names in standard order when counting objects, pairing each object with one and only one number name and each number name with one and only one object. Students will understand that the last number name said describes the number of objects counted and that the number of objects is the same regardless of arrangement or order. (Blooms: knowledge)
* K.NS.5 Students will count up to 20 objects arranged in a line, a rectangular array, or a circle. Students will count up to 10 objects, in a scattered configuration. Count out the number of objects, given a number from 1 to 20. (Blooms: knowledge)
* K.NS.6 Students will recognize sets of 1 to 10 objects in patterned arrangements and tell how many without counting. (Blooms: knowledge)
* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)

**Comparing and Ordering 0 to 5**

* K.NS.2 Students will write whole numbers from 0 to 20 and recognize number words from 0 to 10. Represent a number of objects with a written numeral 0-20. (Blooms: knowledge, application)
* K.NS.3 Students will find the number that is one more or one less than any whole number up to 20. (Blooms: knowledge)
* K.NS.4 Students will say the number names in standard order when counting objects, pairing each object with one and only one number name and each number name with one and only one object. Students will understand that the last number name said describes the number of objects counted and that the number of objects is the same regardless of arrangement or order. (Blooms: knowledge)
* K.NS.5 Students will count up to 20 objects arranged in a line, a rectangular array, or a circle. Students will count up to 10 objects, in a scattered configuration. Count out the number of objects, given a number from 1 to 20. (Blooms: knowledge)
* K.NS.6 Students will recognize sets of 1 to 10 objects in patterned arrangements and tell how many without counting. (Blooms: knowledge)
* K.NS.7 Students will identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Blooms: knowledge)
* K.NS.9 Students will use the correct words for comparison, including: one and many; none, some and all; more and less; most and least; and equal to, more than and less than.
* K.NS.10 Students will separate sets of ten or fewer objects into equal groups. (Blooms: analysis)
* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)

**Six to Ten**

* K.NS.2 Students will write whole numbers from 0 to 20 and recognize number words from 0 to 10. Represent a number of objects with a written numeral 0-20. (Blooms: knowledge, application)
* K.NS.3 Students will find the number that is one more or one less than any whole number up to 20. (Blooms: knowledge)
* K.NS.4 Students will say the number names in standard order when counting objects, pairing each object with one and only one number name and each number name with one and only one object. Students will understand that the last number name said describes the number of objects counted and that the number of objects is the same regardless of arrangement or order. (Blooms: knowledge)
* K.NS.5 Students will count up to 20 objects arranged in a line, a rectangular array, or a circle. Students will count up to 10 objects, in a scattered configuration. Count out the number of objects, given a number from 1 to 20. (Blooms: knowledge)
* K.NS.6 Students will recognize sets of 1 to 10 objects in patterned arrangements and tell how many without counting. (Blooms: knowledge)
* K.NS.10 Students will separate sets of ten or fewer objects into equal groups. (Blooms: analysis)
* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)

**Comparing and Ordering Numbers 0 to 10**

* K.NS.1 Students will count to at least 100 by ones and tens and count on by one from any number. (Blooms: knowledge)
* K.NS.3 Students will find the number that is one more or one less than any whole number up to 20. (Blooms: knowledge)
* K.NS.4 Students will say the number names in standard order when counting objects, pairing each object with one and only one number name and each number name with one and only one object. Students will understand that the last number name said describes the number of objects counted and that the number of objects is the same regardless of arrangement or order. (Blooms: knowledge)
* K.NS.7 Students will identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group. (Blooms: knowledge)
* K.NS.8 Students will compare the values of two numbers from 1 to 20 presented as written numerals. (Blooms: comprehension)
* K.NS.9 Students will use the correct words for comparison, including: one and many; none, some and all; more and less; most and least; and equal to, more than and less than. (Blooms: application)
* K.NS.10 Students will separate sets of ten or fewer objects into equal groups. (Blooms: analysis)
* K.CA.1 Students will use objects, drawings, mental images, sounds, to represent addition and subtraction within 10. (Blooms: application)
* K.CA.5 Students will be able to create, extend, and give rules for simple repeating and growing patterns with numbers and shapes. (Blooms: Comprehension, Synthesis, Evaluation)
* K.M.2 Students will understand the concept of time, including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year. Students will understand that clocks and calendars measure time. (Blooms: knowledge)