Counting and Cardinality PK.CC	Operations & Algebraic Thinking PK.OA	Measurement & Data PK.MD	Geometry PK.G

Know number names and the count sequence.
1. Count to 20.
2. Represent a number of objects with a written numeral 0–5 (with 0 representing a count of no objects).
Count to tell the number of objects.
3. Understand the relationship between numbers and quantities to 10; connect counting to cardinality.
  a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object.
  b. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.
  c. Understand that each successive number name refers to a quantity that is one larger.
4. Count to answer "how many?" questions about as many as 10 things arranged in a line, a rectangular array, or a circle, or as many as 5 things in a scattered configuration; given a number from 1–10, count out that many objects.
Compare numbers.
5. Identify whether the number of objects in one group is more, less, greater than, fewer, and/or equal to the number of objects in another group, e.g., by using matching and counting strategies.1 (1: up to 5 objects)
6. Identify "first and "last" related to order or position
	Understand addition as adding to, and understand subtraction as taking from.
	1. Demonstrate an understanding of addition and subtraction by using objects, fingers, and responding to practical situations (e.g., If we have 3 apples and add two more, how many apples do we have all together?).
	
	Understand simple patterns.
	2. Duplicate and extend (eg., What comes next?) simple patterns using concrete objects.
		Describe and compare measurable attributes.
		1. Identify measurable attributes of objects, such as length, and weight. Describe them using correct vocabulary (e.g., small, big, short, tall, empty, full, heavy, and light).
		
		Sort objects and count the number of objects in each category.
		2. Sort objects into categories; count the numbers of objects in each category. 1 (limit category counts to be less than or equal to 10)
			Identify and describe shapes (squares, circles, triangles, rectangles).
			1. Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as top, bottom, up, down, in front of, behind, over, under, and next to.
			2. Correctly name shapes regardless of size.
			
			Analyze, compare, and sort objects.
			3. Analyze, compare, and sort two- and three-dimensional shapes and objects, in different sizes, using informal language to describe their similarities, differences, and other attributes (e.g., color, size, and shape).
			4. Create and build shapes from components (e.g., sticks and clay balls).