

Concept	Prekindergarten Guideline	Common Core Standard
Prekindergarten		
Counting – One to One	A3 Child counts 1–10 items, with one count per item.	PK.CC.2. Represents a number of objects (0-5), with a written numeral 0-5
Counting – Last Number	A5 Child counts up to 10 items and demonstrates that the last count indicates how many items were counted.	PK.CC.3b. Explores and develops the concept that the last number name said tells the number of objects counted.
Counting - Order	A6 Child demonstrates understanding that when counting, the items can be chosen in any order.	PK.CC.3a. When counting objects, says 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.
Counting - Ordinal	A7 Child uses the verbal ordinal terms.	PK.CC.6. Identifies first and last related to order or position
Counting – Number ID	A9 Child recognizes one-digit numerals, 0–9.	PK.CC.3. Understands the relationship between numbers and quantities to 10, connects counting to cardinality
Addition	B1 Child uses concrete objects, creates pictorial models and shares a verbal word problem for adding up to 5 objects.	PK.OA.1. Explores addition and subtraction by using objects, fingers, and responding to real world situations
Subtraction	B2 Child uses concrete models or makes a verbal word problem for subtracting 0–5 objects from a set.	PK.OA.1. Explores addition and subtraction by using objects, fingers, and responding to real world situations
Grouping	B3 Child uses informal strategies to separate up to 10 items into equal groups.	PK.MD.2. Sorts objects and shapes into categories; counts the objects in each category.
Shape Identification	C1 Child names common shapes.	PK.G.1. Describes objects in the environment using names of shapes
Shape Creation	C2 Child creates shapes.	PK.G.4. Creates and builds shapes from components (e.g., sticks, blocks, clay)
Location Words	C3 Child demonstrates use of location words (such as “over,” “under,” “above,” “on,” “beside,” “next to,” “between,” “in front of,” “near,” “far,” etc.).	PK.G.1. Describes the relative positions of these objects using terms such as top, bottom, up, down, above, below, in front of, behind, over, under, next to
Shape Manipulation	C4 Child slides, flips, and turns shapes to demonstrate that the shapes remain the same.	PK.G.4. Creates and builds shapes from components
Height and Length	D1 Child recognizes and compares heights or lengths of people or objects.	PK.MD.1. Identifies measurable attributes of objects, such as length or weight, and describes them using appropriate vocabulary.
Capacity	D2 Child recognizes how much can be placed within an object.	PK.MD.1. Identifies measurable attributes of objects, such as length or weight, and describes them using appropriate vocabulary.
Weight	D3 Child informally recognizes and compares weights of objects or people.	PK.MD.1. Identifies measurable attributes of objects, such as length or weight , and describes them using appropriate vocabulary.
Data	E2 Child collects data and organizes it in a graphic representation.	
Patterns	E3 Child recognizes and creates patterns.	PK.OA.2. Duplicates and extends simple patterns using concrete objects (e.g., what comes next?)
Counting - Rote	A2 Child uses words to rote count from 1 to 30.	PK.CC.1. Counts to 20
Counting – Subitize	A8 Child verbally identifies, without counting, the number of objects from 1 to 5.	PK.CC.4a. Answers counting questions using as many as 10 objects arranged in a line, a rectangular array, and a circle.
Time	D4 Child uses language to describe concepts associated with the passing of time.	
Same and Different	E1 Child sorts objects that are the same and different into groups and uses language to describe how the groups are similar and different.	PK.MD.2. Sorts objects and shapes into categories; counts the objects in each category.