

Mathematics

Counting and Cardinality **CC**

A Know number names and the counting sequence. **A**

- 1 Count forward from 1 to 30. **PK.CC.A.1**
 - 2 This standard begins in Kindergarten. **PK.CC.A.2**
 - 3 Begin to print the distinctive features of numerals (i.e., circle, line, diagonal, crossed lines). **PK.CC.A.3**
 - 4 Begin to name numerals 0-10. **PK.CC.A.4**
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B Count to tell the number of objects. **B**

- 4 Understand the relationship between numbers and quantities; connect counting to cardinality. **PK.CC.B.4**
 - a When counting objects, say the number names in the standard order, using one-to-one correspondence. **PK.CC.B.4.A**
 - b Understand that the last number name said tells the number of objects counted. **PK.CC.B.4.B**
 - c Recognize that one more object added to a group of objects changes the quantity as a whole. **PK.CC.B.4.C**
 - 5 Understand that a number represents a corresponding quantity. **PK.CC.B.5**
 - a Subitize quantities up to 5 (i.e., the ability to look at a quantity and say the quantity [1-5] quickly, just by looking). **PK.CC.B.5.A**
 - b Given a number from 1-10, count out that many objects. **PK.CC.B.5.B**
 - c With guidance and support, count to answer “how many?” questions about as many as 10 things arranged in a line, a rectangular array, or a circle. **PK.CC.B.5.C**
 - d With guidance and support, count to answer “how many?” questions about as many as 5 things in a scattered configuration. **PK.CC.B.5.D**
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C Compare numbers. **C**

- 6 Use comparative language, such as more/less than or equal to, to compare and describe collections of objects. **PK.CC.C.6**
 - 7 This standard begins in Kindergarten **PK.CC.C.7**
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Operations and Algebraic Thinking OA

A Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. A

- 1 With guidance and support, begin to represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations. PK.OA.A.1
 - 2 With guidance and support, begin to solve addition and subtraction word problems, and add and subtract within 5 (e.g., by using objects or drawings to represent the problem). PK.OA.A.2
 - 3 Compose and decompose numbers to 5, in more than one way, by using objects or drawings. PK.OA.A.3
 - 4 Show, through the use of concrete objects or drawings, the number needed to make up to 5 when added to any given number from 0-5. PK.OA.A.4
 - 5 This standard begins in Kindergarten. PK.OA.A.5
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Number and Operations in Base Ten NBT

A Work with numbers 11-19 to gain foundations for place value. A

- 1 This standard begins in Kindergarten. PK.NBT.A.1
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Measurement and Data MD

A Describe and compare measurable attributes. A

- 1 Describe measurable attributes of a single object, such as length, width, height. PK.MD.A.1
 - 2 Compare the attributes of two or more concrete objects and use words to define attributes of the objects (i.e. heavier/lighter, longer/shorter, etc.). PK.MD.A.2
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B Work with money. B

- 3 Begin to recognize currency and its purpose. PK.MD.B.3
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C Classify objects and count the number of objects in each category. C

- 4 Sort a collection of objects into given categories using more than one attribute. PK.MD.C.4
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Geometry G

A Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres). A

- 1 Begin to use relative position words in appropriate context, such as above, below, beside, and between. PK.G.A.1
- 2 Correctly name some two-dimensional shapes. PK.G.A.2
- 3 Begin to explore shapes as two-dimensional or three-dimensional. PK.G.A.3
- 4 Begin to describe objects in the environment using names of shapes. PK.G.A.4

B Analyze, compare, create, and compose shapes. B

- 4 Describe similarities and differences between two-dimensional shapes. **PK.G.B.4**
- 5 Model shapes in the world by building and drawing shapes. **PK.G.B.5**
- 6 Begin to recognize smaller shapes within a larger shape, including that some shapes can be put together to make a new shape. **PK.G.B.6**