

Math

Transitional Kindergarten

Counting & Cardinality

CCSS: Kindergarten

K.CC.A. Know number names and the count sequence.

- K.CC.A.1. Count to 100 by ones and by tens.
- K.CC.A.2. Count forward beginning from a given number within the known sequence (instead of having to begin at 1).
- K.CC.A.3. Write numbers from 0 to 20.

K.CC.B. Count to tell the number of objects.

- K.CC.B.4b. 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.
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Operations & Algebraic Thinking

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

- K.OA.A.1. Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.
 - K.OA.A.5. Fluently add and subtract within 5.
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Number & Operations in Base Ten

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

- K.NBT.A.1. understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.
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Measurement & Data

K.MD.A. Describe and compare measurable attributes.

- K.MD.A.1. Describe measurable attributes of objects, such as length

K.MD.B. Classify objects and count the number of objects in each category.

- K.MD.B.3. Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.
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Geometry

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

- K.G.A.1. Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, and next to.
 - K.G.A.3. Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”).
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