Kindergarten Math Common Core State Standards

Counting & Cardinality

K.CC.1	Count to 100 by ones and by tens
K.CC.2	Count forward beginning from a given number in the known sequence
K.CC.3	Write numbers from 0-20. Represent a number of objects with a written numeral 0-20
K.CC.4a	Count to tell the number of objects in order pairing object with one to one number name
K.CC.4b	Count the number of objects understand the last number said tells the number of objects counted
K.CC.4c	Count the number of objects understand that each successive number name is one larger
K.CC.5	Count to answer "how many?" questions of 20 things arranged in different configurations
K.CC.6	Identify number of objects in a group are greater than, less than or equal to another group
K.CC.7	Compare two numbers between 1 & 10 presented as written numerals

Operations & Algebraic Thinking

K.OA.1	Represent addition and subtraction with objects, fingers, drawings, sounds, actions or equations
K.OA.2	Solve addition and subtraction word problems, within 10 by using objects, drawings to represent
K.OA.3	Decompose numbers less than or equal to 10 into pairs in more than one way 5=2+3 & 5=4+1
K.OA.4	For any number form 1-9, find the number that makes 10 when added to a given number
K.OA.5	Fluently add and subtract within 5 verbally, represented with pictures, or written equation

Number & Operations In Base Ten

K.NO.1	Compose & decompose numbers from 11-19 showing 1's, 5's and 10's

Measurement & Data

K.MD.1	Describe measurable attributes of one object such as length, width, color, shape, size
K.MD.2	Directly compare 2 objects describing measurable attributes in compare and contrast
K.MD.3	Classify objects into given categories less than or equal to 10 and sort categories

Geometry

K.G.1	Describe objects with prepositions in the real world using names of shapes
K.G.2	Correctly name shapes regardless of orientation or overall size
K.G.3	Identify shapes as 2-dimensional lay flat or 3-dimentional solid
K.G.4	Analyze & compare 2 to 3 dimensional shapes stating number of sides, vertices/corners
K.G.5	Model shapes in the real world by building shapes and drawing shapes
K.G.6	Compose single shapes to form larger shapes; 2 triangles make a rectangle