



**Main Criteria:** MathStart Set Levels 1, 2, 3

**Secondary Criteria:** Common Core State Standards

**Subjects:** Language Arts, Mathematics, Science

**Grades:** K, 1, 2

## MathStart Set Levels 1, 2, 3

Math Start – Level 1  
Summary:

### Common Core State Standards

#### Mathematics

Grade K - Adopted: 2010

<b>STRAND / DOMAIN</b>	<b>CCSS.Math.Practice</b>	<b>Mathematical Practices</b>
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP4</b>	<b>Model with mathematics.</b>
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP7</b>	<b>Look for and make use of structure.</b>
<b>STRAND / DOMAIN</b>	<b>CCSS.Math.Content.K.CC</b>	<b>Counting and Cardinality</b>
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Content.K.CC.A</b>	<b>Know number names and the count sequence.</b>
<b>STANDARD</b>	<b>CCSS.Math.Content.K.CC.A.2</b>	<b>Count forward beginning from a given number within the known sequence (instead of having to begin at 1).</b>
<b>STRAND / DOMAIN</b>	<b>CCSS.Math.Content.K.CC</b>	<b>Counting and Cardinality</b>
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Content.K.CC.B</b>	<b>Count to tell the number of objects.</b>
<b>STANDARD</b>	<b>CCSS.Math.Content.K.CC.B.4</b>	<b>Understand the relationship between numbers and quantities; connect counting to cardinality.</b>
<b>EXPECTATION</b>	<b>CCSS.Math.Content.K.CC.B.4a</b>	<b>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>
<b>EXPECTATION</b>	<b>CCSS.Math.Content.K.CC.B.4b</b>	<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.</b>
<b>EXPECTATION</b>	<b>CCSS.Math.Content.K.CC.B.4c</b>	<b>Understand that each successive number name refers to a quantity that is one larger.</b>
<b>STRAND / DOMAIN</b>	<b>CCSS.Math.Content.K.CC</b>	<b>Counting and Cardinality</b>

CATEGORY / CLUSTER	CCSS.Math.Content.K.CC.B	Count to tell the number of objects.
STANDARD	CCSS.Math.Content.K.CC.B.5	Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.
STRAND / DOMAIN	CCSS.Math.Content.K.CC	Counting and Cardinality
CATEGORY / CLUSTER	CCSS.Math.Content.K.CC.C	Compare numbers.
STANDARD	CCSS.Math.Content.K.CC.C.6	Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.
STRAND / DOMAIN	CCSS.Math.Content.K.MD	Measurement and Data
CATEGORY / CLUSTER	CCSS.Math.Content.K.MD.A	Describe and compare measurable attributes.
STANDARD	CCSS.Math.Content.K.MD.A.1	Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.
STANDARD	CCSS.Math.Content.K.MD.A.2	Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.
STRAND / DOMAIN	CCSS.Math.Content.K.MD	Measurement and Data
CATEGORY / CLUSTER	CCSS.Math.Content.K.MD.B	Classify objects and count the number of objects in each category.
STANDARD	CCSS.Math.Content.K.MD.B.3	Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.
STRAND / DOMAIN	CCSS.Math.Content.K.G	Geometry
CATEGORY / CLUSTER	CCSS.Math.Content.K.G.A	Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).
STANDARD	CCSS.Math.Content.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.
STANDARD	CCSS.Math.Content.K.G.A.2	Correctly name shapes regardless of their orientations or overall size.
STRAND / DOMAIN	CCSS.Math.Content.K.G	Geometry
CATEGORY / CLUSTER	CCSS.Math.Content.K.G.B	Analyze, compare, create, and compose shapes.
STANDARD	CCSS.Math.Content.K.G.B.4	Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).

