



# SuccessMaker®

## Alignments to SuccessMaker

Providing rigorous intervention  
for K-8 learners with unparalleled precision

Tennessee Mathematics Standards Code	Tennessee Mathematics Standards 2016, Kindergarten	SuccessMaker Item Description	Item ID
K.CC	Counting and Cardinality		
K.CC.A	Know number names and the counting sequence.		
K.CC.A.1	Count to 100 by ones, fives, and tens. Count backward from 10.	Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
K.CC.A.2	Count forward beginning from a given number within the known sequence (instead of having to begin at 1).	Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
K.CC.A.3	Write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20.	Enter the number shown (0 to 4).	SMMA_LO_00001
		Enter the number of ones equal to number 1 to 9.	SMMA_LO_00973
		Make a group with the same number of objects as a given group (6 to 9 objects).	SMMA_LO_00929
		Identify a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00922
		Match a digit to a set with that number of objects (1 to 5).	SMMA_LO_00934
		Enter the number shown (5 to 9).	SMMA_LO_00002
		Enter the number shown (1 to 5).	SMMA_LO_00932
		Enter the number shown (1 to 9).	SMMA_LO_00942
K.CC.B	Count to tell the number of objects.		
K.CC.B.4	Understand the relationship between numbers and quantities; connect counting to cardinality.		
K.CC.B.4.a	When counting objects, say the number names in the standard order, using one-to-one correspondence.	Find the number that comes before a given number, counting by 1's (1 to 9).	SMMA_LO_00949
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00939
		Find the next number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00948
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00940
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are when 1 more is added.	SMMA_LO_02093
K.CC.B.4.c	Recognize that each successive number name refers to a quantity that is one greater.	Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00939
		Find the next number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00948
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00940
K.CC.B.5	Count to answer "how many?" questions about as many as 20 things arranged in a line, a rectangular array, a circle, or as many as 10 things in a scattered configuration. Given a number from 1-20, count out that many objects.	Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092
		Count objects not arranged in a row (1 to 5 objects).	SMMA_LO_00935
		Count objects not arranged in a row (6 to 9 objects).	SMMA_LO_00943
		Count objects arranged in a row (1-5 objects).	SMMA_LO_00933
K.CC.C	Compare numbers.		
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.	Identify a group with fewer objects than a given group (1 to 5 objects).	SMMA_LO_00924
		Identify a group with more objects than a given group (1 to 5 objects).	SMMA_LO_00923

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		Identify a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00922
K.CC.C.7	Compare two given numbers up to 10, when written as numerals, using the terms greater than, less than, or equal to.	Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946
K.OA	Operations and Algebraic Thinking		
K.OA.A	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. (See Table 1 - Addition and Subtraction Situations)		
K.OA.A.1	Represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations.	Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01411
		Identify the expression that represents a picture (minuends 2 to 9).	SMMA_LO_01414
		Act out the solution to a subtraction problem in context (minuends 1 to 6).	SMMA_LO_01536
		Write an addition number sentence to represent a picture (sums 1 to 9).	SMMA_LO_00036
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01412
K.OA.A.2	Add and subtract within 10 to solve contextual problems using objects or drawings to represent the problem.	Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01411
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01412
K.OA.A.3	Decompose numbers less than or equal to 10 into addend pairs in more than one way (e.g., $5 = 2 + 3$ and $5 = 4 + 1$ ) by using objects or drawings. Record each decomposition using a drawing or writing an equation.	Compose numbers from 11 to 19 given ten ones and some further ones by using objects.	SMMA_LO_02095
		Decompose numbers 2-10 into pairs in more than one way by using objects.	SMMA_LO_02096
K.OA.A.4	Find the number that makes 10, when added to any given number, from 1 to 9 using objects or drawings. Record the answer using a drawing or writing an equation.	Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01411
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01412
K.NBT	Number and Operations in Base Ten		
K.NBT.A	Work with numbers 11– 19 to gain foundations for place value.		
K.NBT.A.1	Compose and decompose numbers from 11 to 19 into ten ones and some more ones by using objects or drawings. Record the composition or decomposition using a drawing or by writing an equation.	Compose numbers from 11 to 19 given ten ones and some further ones by using objects.	SMMA_LO_02095
		Decompose numbers from 11 to 19 into ten ones and some further ones.	SMMA_LO_02094
		Decompose numbers 2-10 into pairs in more than one way by using objects.	SMMA_LO_02096
K.MD	Measurement and Data		
K.MD.A	Describe and compare measurable attributes.		
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.	Identify the tallest object.	SMMA_LO_00694
		Match amounts of liquid in containers (3 amounts).	SMMA_LO_00689
		Match objects of the same height (3 heights).	SMMA_LO_00687
K.MD.B	Work with money.		

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K.MD.B.3	Identify the penny, nickel, dime, and quarter and recognize the value of each.	Identify nickels or dimes.	SMMA_LO_00698
K.MD.C	Classify objects and count the number of objects in each category.		
K.MD.C.4	Sort a collection of objects into a given category, with 10 or less in each category. Compare the categories by group size.	Identify a group with fewer objects than a given group (1 to 5 objects).	SMMA_LO_00924
		Identify the figure with a different shape.	SMMA_LO_00547
		Identify the figure that is a different color from a given figure.	SMMA_LO_00541
		Identify a group with more objects than a given group (1 to 5 objects).	SMMA_LO_00923
		Identify a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00922
K.G	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. Describe the relative positions of these objects using terms such as above, below, beside, in front of, behind, between, and next to.	Identify the figure with a different shape.	SMMA_LO_00547
		Match a shape to a picture containing that shape.	SMMA_LO_00548
K.G.B	Analyze, compare, create, and compose shapes.		
K.G.B.4	Describe similarities and differences between two- and three-dimensional shapes, in different sizes and orientations.	Identify the smaller or bigger rectangle.	SMMA_LO_00747