SuccessMaker®

Missouri Mathematics Learning Standards: Grade Level Expectations 2016, Grade K

Alignments to SuccessMaker

Providing rigorous intervention
for K-8 learners with unparalleled precision

Missouri Learning Standards Code	Missouri Mathematics Learning Standards:: Grade Level Expectations, 2016 Grade K	SuccessMaker Item Description	Item ID
NS	Number Sense		
NS.A	Know the number names and the count sequence.		
NS.A.1	Count to 100 by ones and tens.	Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
NS.A.3	Count backward from a given number between 10 and 1.	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 when 1 more is added.	SMMA_LO_02093
		Subtract using basic math facts (minuends 2 to 10).	SMMA_LO_01413
		Make a group with 6 to 9 objects.	SMMA_LO_00945
		Subtract using basic math facts displayed horizontally (minuends 6 to 9).	SMMA_LO_01417
		Enter the number of ones equal to number 1 to 9.	SMMA_LO_00973
		Add using basic math facts displayed horizontally (sums 6 to 10).	SMMA_LO_00013
		Find a number equal to 2 to 9 ones.	SMMA_LO_00972
		Identify a number from a spoken number (6 to 9).	SMMA_LO_00944
		Enter the number shown (1 to 9).	SMMA_LO_00942
		Identify the pictorial solution to a subtraction problem (minuends 2 to 9).	SMMA_LO_01422
		Order four numbers from least to greatest (1 to 9).	SMMA_LO_00950
		Count two sets of objects to find the total (sums 6 to 10).	SMMA_LO_00006
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092

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		Add zero to a number (sums 1 to 9).	SMMA_LO_00035
		Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946
		Identify the pictorial solution to a problem in context (minuends 4 to 9).	SMMA_LO_01423
		Make a group with one more object than a given group (six to nine objects).	SMMA_LO_00930
		Make a group with the same number of objects as a given group (6 to 9 objects).	SMMA_LO_00929
		Count objects not arranged in a row (6 to 9 objects).	SMMA_LO_00943
		Decompose numbers 2-10 into pairs in more than one way by using objects.	SMMA_LO_02096
		Model and apply joining stories to solve problems (sums 1 to 9).	SMMA_LO_01863
		Enter the number shown (5 to 9).	SMMA_LO_00002
		Identify the picture that represents a subtraction problem in context (minuends 2 to 10).	SMMA_LO_01542
		Identify the number of objects for a word name. (1 to 9 objects).	SMMA_LO_00964
		Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
		Find the number that comes before a given number, counting by 1's (1 to 9).	SMMA_LO_00949
		Write an addition number sentence to represent a picture (sums 1 to 9).	SMMA_LO_00036
		Make a group with one fewer object than a given group (6 to 9 objects).	SMMA_LO_00931

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		Identify the expression that represents a picture (minuends 2 to 9).	SMMA_LO_01414
		Count the objects in two sets and add (sums 6 to 10).	SMMA_LO_00008
		Identify the number with the greatest value (1 to 9).	SMMA_LO_00947
NS.A.4	Read and write numerals and represent a number of objects from 0 to 20.	Enter the number of ones equal to number 1 to 9.	SMMA_LO_00973
		Enter the number shown (1 to 9).	SMMA_LO_00942
		Enter the number shown (1 to 5).	SMMA_LO_00932
		Enter the number shown (0 to 4).	SMMA_LO_00001
		Enter the number shown (5 to 9).	SMMA_LO_00002
		Match a digit to a set with that number of objects (1 to 5).	SMMA_LO_00934
NS.B	Understand the relationship between numbers and quantities; connect counting to cardinality.		
NS.B.1	Say the number names when counting objects, in the standard order, pairing each object with one and only one number name and each number name with one and only one object.	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 when 1 more is added.	SMMA_LO_02093
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092

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		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 5).	SMMA_LO_00940
		Find the number that comes before a given number, counting by 1's (1 to 9).	SMMA_LO_00949
NS.B.3	Demonstrate that each successive number name refers to a quantity that is one larger than the previous number.	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_00939
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00940
NS.B.4	Recognize, without counting, the quantity of groups up to 5 objects arranged in common patterns.	Act out the solution to a subtraction problem in context (minuends 1 to 6).	SMMA_LO_01536
		Identify a group with fewer objects than a given group (1 to 5 objects).	SMMA_LO_00924
		Count two sets of objects to find the total (sums 2 to 4).	SMMA_LO_00003
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01411
		Count objects not arranged in a row (1 to 5 objects).	SMMA_LO_00935
		Make a group with one fewer object than a given group (1 to 5 objects).	SMMA_LO_00928
		Count objects in two sets and add (sums 1 to 5).	SMMA_LO_00007
		Count two sets of objects to find the total (sums 4 to 6).	SMMA_LO_00004

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		Count objects arranged in a row (1-5 objects).	SMMA_LO_00933
		Identify a number from a spoken number (1 to 5).	SMMA_LO_00937
		Identify a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00922
		Subtract using basic math facts displayed horizontally (minuends 0 to 5).	SMMA_LO_01415
		Enter the number shown (1 to 5).	SMMA_LO_00932
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00939
		Match objects to show a one-to-one correspondence (2 to 5 objects).	SMMA_LO_00921
		Identify a group with more objects than a given group (1 to 5 objects).	SMMA_LO_00923
		Enter the number shown (0 to 4).	SMMA_LO_00001
		Add using basic math facts (sums 1 to 5).	SMMA_LO_00010
		Make a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00926
		Identify a picture that represents an addition problem (sums 2 to 6).	SMMA_LO_01228
		Add using basic math facts displayed horizontally (sums 2 to 5).	SMMA_LO_00011
		Subtract using basic math facts (minuends 0 to 5).	SMMA_LO_01416
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00940
		Identify the group of objects that represent a number (1 to 5 objects).	SMMA_LO_00956

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		Match a digit to a set with that number of objects (1 to 5).	SMMA_LO_00934
		Make a group with one to five objects.	SMMA_LO_00938
		Make a group with one more object than a given group (one to five objects).	SMMA_LO_00927
		Count two sets of objects to find the total (sums 2 to 5).	SMMA_LO_00005
		Move objects to show a one-to-one correspondence (1 to 5 objects).	SMMA_LO_00925
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01412
NS.B.5	Demonstrate that a number can be used to represent "how many" are in a set.	Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092
NS.C	Compare numbers.		
NS.C.1	Compare two or more sets of objects and identify which set is equal to, more than or less than the other.	Identify a group with fewer objects than a given group (1 to 5 objects).	SMMA_LO_00924
		Identify a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00922
		Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946
		Identify a group with more objects than a given group (1 to 5 objects).	SMMA_LO_00923
NS.C.2	Compare two numerals, between 1 and 10, and determine which is more than or less than the other.	Find the next number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00948

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		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
		Subtract using basic math facts (minuends 2 to 10).	SMMA_LO_01413
		Make a group with 6 to 9 objects.	SMMA_LO_00945
		Subtract using basic math facts displayed horizontally (minuends 6 to 9).	SMMA_LO_01417
		Enter the number of ones equal to number 1 to 9.	SMMA_LO_00973
		Add using basic math facts displayed horizontally (sums 6 to 10).	SMMA_LO_00013
		Find a number equal to 2 to 9 ones.	SMMA_LO_00972
		Identify a number from a spoken number (6 to 9).	SMMA_LO_00944
		Enter the number shown (1 to 9).	SMMA_LO_00942
		Identify the pictorial solution to a subtraction problem (minuends 2 to 9).	SMMA_LO_01422
		Order four numbers from least to greatest (1 to 9).	SMMA_LO_00950
		Count two sets of objects to find the total (sums 6 to 10).	SMMA_LO_00006
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092
		Add zero to a number (sums 1 to 9).	SMMA_LO_00035
		Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946
		Identify the pictorial solution to a problem in context (minuends 4 to 9).	SMMA_LO_01423

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		Make a group with one more object than a given group (six to nine objects).	SMMA_LO_00930
		Make a group with the same number of objects as a given group (6 to 9 objects).	SMMA_LO_00929
		Count objects not arranged in a row (6 to 9 objects).	SMMA_LO_00943
		Decompose numbers 2-10 into pairs in more than one way by using objects.	SMMA_LO_02096
		Model and apply joining stories to solve problems (sums 1 to 9).	SMMA_LO_01863
		Enter the number shown (5 to 9).	SMMA_LO_00002
		Identify the picture that represents a subtraction problem in context (minuends 2 to 10).	SMMA_LO_01542
		Identify the number of objects for a word name. (1 to 9 objects).	SMMA_LO_00964
		Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
		Find the number that comes before a given number, counting by 1's (1 to 9).	SMMA_LO_00949
		Write an addition number sentence to represent a picture (sums 1 to 9).	SMMA_LO_00036
		Make a group with one fewer object than a given group (6 to 9 objects).	SMMA_LO_00931
		Identify the expression that represents a picture (minuends 2 to 9).	SMMA_LO_01414
		Count the objects in two sets and add (sums 6 to 10).	SMMA_LO_00008
		Identify the number with the greatest value (1 to 9).	SMMA_LO_00947

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NBT	Number Sense and Operations in Base Ten		
NBT.A	Work with numbers 11 – 19 to gain foundations for place value.		
NBT.A.1	Compose and decompose numbers from 11 to 19 into sets of tens with additional ones.	Decompose numbers from 11 to 19 into ten ones and some further ones.	SMMA_LO_02094
		Compose numbers from 11 to 19 given ten ones and some further ones by using objects.	SMMA_LO_02095
NF	Number Sense and Operations in Fractions		
RA	Relationships and Algebraic Thinking		
RA.A	Understand addition as putting together or adding to, and understand subtraction as taking apart or taking from.		
RA.A.1	Represent addition and subtraction within 10.	Find the next number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00948
		Count two sets of objects to find the total (sums 2 to 4).	SMMA_LO_00003
		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
		Subtract using basic math facts (minuends 2 to 10).	SMMA_LO_01413
		Make a group with 6 to 9 objects.	SMMA_LO_00945
		Subtract using basic math facts displayed horizontally (minuends 6 to 9).	SMMA_LO_01417
		Enter the number of ones equal to number 1 to 9.	SMMA_LO_00973
		Add using basic math facts displayed horizontally (sums 6 to 10).	SMMA_LO_00013

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		Find a number equal to 2 to 9 ones.	SMMA_LO_00972
		Identify a number from a spoken number (6 to 9).	SMMA_LO_00944
		Enter the number shown (1 to 9).	SMMA_LO_00942
		Count objects in two sets and add (sums 1 to 5).	SMMA_LO_00007
		Identify the pictorial solution to a subtraction problem (minuends 2 to 9).	SMMA_LO_01422
		Order four numbers from least to greatest (1 to 9).	SMMA_LO_00950
		Count two sets of objects to find the total (sums 4 to 6).	SMMA_LO_00004
		Count two sets of objects to find the total (sums 6 to 10).	SMMA_LO_00006
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092
		Add zero to a number (sums 1 to 9).	SMMA_LO_00035
		Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946
		Identify the pictorial solution to a problem in context (minuends 4 to 9).	SMMA_LO_01423
		Make a group with one more object than a given group (six to nine objects).	SMMA_LO_00930
		Make a group with the same number of objects as a given group (6 to 9 objects).	SMMA_LO_00929
		Count objects not arranged in a row (6 to 9 objects).	SMMA_LO_00943
		Identify a picture that represents an addition problem (sums 2 to 6).	SMMA_LO_01228
		Decompose numbers 2-10 into pairs in more than one way by using objects.	SMMA_LO_02096

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		Model and apply joining stories to solve problems (sums 1 to 9).	SMMA_LO_01863
		Enter the number shown (5 to 9).	SMMA_LO_00002
		Identify the picture that represents a subtraction problem in context (minuends 2 to 10).	SMMA_LO_01542
		Identify the number of objects for a word name. (1 to 9 objects).	SMMA_LO_00964
		Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
		Find the number that comes before a given number, counting by 1's (1 to 9).	SMMA_LO_00949
		Write an addition number sentence to represent a picture (sums 1 to 9).	SMMA_LO_00036
		Make a group with one fewer object than a given group (6 to 9 objects).	SMMA_LO_00931
		Identify the expression that represents a picture (minuends 2 to 9).	SMMA_LO_01414
		Count the objects in two sets and add (sums 6 to 10).	SMMA_LO_00008
		Count two sets of objects to find the total (sums 2 to 5).	SMMA_LO_00005
		Identify the number with the greatest value (1 to 9).	SMMA_LO_00947
RA.A.2	Demonstrate fluency for addition and subtraction within 5.	Act out the solution to a subtraction problem in context (minuends 1 to 6).	SMMA_LO_01536

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		Identify a group with fewer objects than a given group (1 to 5 objects).	SMMA_LO_00924
		Count two sets of objects to find the total (sums 2 to 4).	SMMA_LO_00003
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01411
		Count objects not arranged in a row (1 to 5 objects).	SMMA_LO_00935
		Make a group with one fewer object than a given group (1 to 5 objects).	SMMA_LO_00928
		Count objects in two sets and add (sums 1 to 5).	SMMA_LO_00007
		Count two sets of objects to find the total (sums 4 to 6).	SMMA_LO_00004
		Count objects arranged in a row (1-5 objects).	SMMA_LO_00933
		Identify a number from a spoken number (1 to 5).	SMMA_LO_00937
		Identify a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00922
		Subtract using basic math facts displayed horizontally (minuends 0 to 5).	SMMA_LO_01415
		Enter the number shown (1 to 5).	SMMA_LO_00932
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00939
		Match objects to show a one-to-one correspondence (2 to 5 objects).	SMMA_LO_00921
		Identify a group with more objects than a given group (1 to 5 objects).	SMMA_LO_00923
		Enter the number shown (0 to 4).	SMMA_LO_00001
		Add using basic math facts (sums 1 to 5).	SMMA_LO_00010

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		Make a set with the same number of objects as a given set (1 to 5 objects).	SMMA_LO_00926
		Identify a picture that represents an addition problem (sums 2 to 6).	SMMA_LO_01228
		Add using basic math facts displayed horizontally (sums 2 to 5).	SMMA_LO_00011
		Subtract using basic math facts (minuends 0 to 5).	SMMA_LO_01416
		Find the next number in a sequence, counting by 1's (1 to 5).	SMMA_LO_00940
		Identify the group of objects that represent a number (1 to 5 objects).	SMMA_LO_00956
		Match a digit to a set with that number of objects (1 to 5).	SMMA_LO_00934
		Make a group with one to five objects.	SMMA_LO_00938
		Make a group with one more object than a given group (one to five objects).	SMMA_LO_00927
		Count two sets of objects to find the total (sums 2 to 5).	SMMA_LO_00005
		Move objects to show a one-to-one correspondence (1 to 5 objects).	SMMA_LO_00925
		Solve a subtraction problem in context (minuends 2 to 5, pictorial models).	SMMA_LO_01412
RA.A.3	Decompose numbers less than or equal to 10 in more than one way.	Find the next number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00948

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		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
		Subtract using basic math facts (minuends 2 to 10).	SMMA_LO_01413
		Make a group with 6 to 9 objects.	SMMA_LO_00945
		Subtract using basic math facts displayed horizontally (minuends 6 to 9).	SMMA_LO_01417
		Enter the number of ones equal to number 1 to 9.	SMMA_LO_00973
		Add using basic math facts displayed horizontally (sums 6 to 10).	SMMA_LO_00013
		Find a number equal to 2 to 9 ones.	SMMA_LO_00972
		Identify a number from a spoken number (6 to 9).	SMMA_LO_00944
		Enter the number shown (1 to 9).	SMMA_LO_00942
		Identify the pictorial solution to a subtraction problem (minuends 2 to 9).	SMMA_LO_01422
		Order four numbers from least to greatest (1 to 9).	SMMA_LO_00950
		Count two sets of objects to find the total (sums 6 to 10).	SMMA_LO_00006
		Count objects by pairing each object with one number 1 to 10; determine how many objects there are.	SMMA_LO_02092
		Add zero to a number (sums 1 to 9).	SMMA_LO_00035
		Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946
		Identify the pictorial solution to a problem in context (minuends 4 to 9).	SMMA_LO_01423

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		Make a group with one more object than a given group (six to nine objects).	SMMA_LO_00930
		Make a group with the same number of objects as a given group (6 to 9 objects).	SMMA_LO_00929
		Count objects not arranged in a row (6 to 9 objects).	SMMA_LO_00943
		Decompose numbers 2-10 into pairs in more than one way by using objects.	SMMA_LO_02096
		Model and apply joining stories to solve problems (sums 1 to 9).	SMMA_LO_01863
		Enter the number shown (5 to 9).	SMMA_LO_00002
		Identify the picture that represents a subtraction problem in context (minuends 2 to 10).	SMMA_LO_01542
		Identify the number of objects for a word name. (1 to 9 objects).	SMMA_LO_00964
		Find a missing number in a sequence, counting by 1's (1 to 9).	SMMA_LO_00960
		Find the number that comes before a given number, counting by 1's (1 to 9).	SMMA_LO_00949
		Write an addition number sentence to represent a picture (sums 1 to 9).	SMMA_LO_00036
		Make a group with one fewer object than a given group (6 to 9 objects).	SMMA_LO_00931
		Identify the expression that represents a picture (minuends 2 to 9).	SMMA_LO_01414
		Count the objects in two sets and add (sums 6 to 10).	SMMA_LO_00008
		Identify the number with the greatest value (1 to 9).	SMMA_LO_00947

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RA.A.4	Make 10 for any number from 1 to 9.	Model the number that makes 10 when added to a given number from 1 to 9; then identify the number.	SMMA_LO_02097
GM	Geometry and Measurement		
GM.B	Work with time and money.		
GM.B.1	Demonstrate an understanding of concepts of time and devices that measure time.	Identify the tool for a particular use (thermometer, scale, clock).	SMMA_LO_00761
GM.C	Analyze squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders and spheres.		
GM.C.1	Identify shapes and describe objects in the environment using names of shapes, recognizing the name stays the same regardless of orientation or size.	Identify a geometric figure (circle, triangle, rectangle, or square).	SMMA_LO_00531
		Identify the smaller or bigger rectangle.	SMMA_LO_00747
		Identify circles or squares by name.	SMMA_LO_00529
		Identify triangles or rectangles by name.	SMMA_LO_00530
GM.C.3	Identify and describe the attribute of shapes, and use the attributes to sort a collection of shapes	Match simple geometric figures that have the same size, shape, and color.	SMMA_LO_00514
		Match geometric figures that have the same size and shape (simple figures).	SMMA_LO_00516
DS	Data and Statistics		
DS.A	Classify objects and count the number of objects in each category.		

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DS.A.2	Compare category counts using appropriate language.	Identify a number that is greater than or less than a spoken number (1 to 9).	SMMA_LO_00946