SuccessMaker®

Missouri Mathematics Learning Standards: Grade Level Expectations 2016, Grade 1

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 1	SuccessMaker Item Description	Item ID
NS	Number Sense		
NS.A	Understand and use numbers up to 120.		
NS.A.2	Read and write numerals and represent a number of objects with a written numeral.	Enter the number equal to a given number of ones and tens (0 to 9 tens, 1 to 9 ones).	SMMA_LO_00979
NS.A.3	Count backward from a given number between 20 and 1.	Find the missing minuend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01455
		Find a missing number in a sequence, counting by 1's (1 to 20).	SMMA_LO_00951
		Add two consecutive addends displayed horizontally (one-digit addends, sums 1 to 17).	SMMA_LO_00021
		Subtract using basic math facts (minuends 11 to 19, subtrahends 1 to 8).	SMMA_LO_01435
		Add vertically using basic math facts (sums 11 to 18).	SMMA_LO_00022
		Subtract vertically using basic math facts (minuends 15 to 18, subtrahends 6 to 9).	SMMA_LO_01444
		Add 9 to a number (sums 10 to 18), given in words.	SMMA_LO_00045
		Add using basic math facts displayed horizontally (sums 10 to 18).	SMMA_LO_00023
		Identify the number sentence that solves a subtraction problem in context (minuends 11 to 18, subtrahends 1 to 9).	SMMA_LO_01439
		Identify the missing number (addend or sum) in an addition equation, for numbers 20 and less.	SMMA_LO_02010
		Add ten to a number (sums 11 to 19), given in words.	SMMA_LO_00038
		Subtract 10 from a number (minuends 11 to 19, horizontal presentation).	SMMA_LO_01442
		Compare numbers using < or > symbols (1 to 19).	SMMA_LO_00325

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		Subtract a one-digit number from a two-digit number displayed horizontally (minuends 11 to 19, subtrahends 1 to 9).	SMMA_LO_01443
		Find the missing addend in a number sentence (three addends, sums 10 to 19).	SMMA_LO_00066
		Add doubles (sums 4 to 18).	SMMA_LO_00019
		Subtract using basic math facts (minuends 11 to 18, subtrahends 1 to 9).	SMMA_LO_01436
		Add two consecutive addends (one-digit addends, sums 1 to 17).	SMMA_LO_00020
		Add two addends vertically (sums 10 to 18).	SMMA_LO_00041
		Add doubles (sums 2 to 18).	SMMA_LO_00017
		Identify the missing number (minuend, subtrahend, or difference) in a subtraction equation, for numbers 20 and less.	SMMA_LO_02014
		Subtract using basic math facts (student choice, minuends 16 to 19, subtrahends 1 to 9).	SMMA_LO_01433
		Subtract 10 from a two-digit number (student choice, minuends 11 to 19).	SMMA_LO_01441
		Subtract using basic math facts (minuends 15 to 18, subtrahends 6 to 9).	SMMA_LO_01434
		Find the missing subtrahend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01464
		Model the numbers from 11 to 19 with place value blocks.	SMMA_LO_02018
		Find the missing subtrahend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01449

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		Subtract vertically (minuends 11 to 19, subtrahends 1 to 9, no regrouping).	SMMA_LO_01445
		Add using basic math facts displayed horizontally (sums 10 to 18).	SMMA_LO_00042
		Add a two-digit number to a one-digit number by counting (sums up to 18), given in words.	SMMA_LO_00039
		Find a missing number in a sequence, counting by 1's (10 to 20).	SMMA_LO_00970
		Add two numbers presented in words using basic math facts (sums 1 to 18).	SMMA_LO_00024
		Find the missing minuend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01468
		Find the missing addend in a number sentence (sums 10 to 18).	SMMA_LO_00048
NS.A.4	Count by 5s to 100 starting at any multiple of five.	Find a missing number in a sequence, counting by 1's (11 to 50).	SMMA_LO_00982
		Identify a written number from a spoken number (two-digit).	SMMA_LO_00977
		Show a number using base-ten blocks (two-digit).	SMMA_LO_00978
		Enter the number equal to a given number of ones and tens (0 to 9 tens, 1 to 9 ones).	SMMA_LO_00979
		Model multiples of 10 (from 10 to 90) with place value blocks.	SMMA_LO_02019
		Find a missing number in a sequence, counting by 1's (51 to 99).	SMMA_LO_00983

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NBT	Number Sense and Operations in Base Ten		
NBT.A	Understand place value of two-digit numbers.		
NBT.A.2	Understand two-digit numbers are composed of ten(s) and one(s).	Enter how many tens and ones for a number (two-digit).	SMMA_LO_00980
		Show a number using base-ten blocks (two-digit).	SMMA_LO_00978
		Find two numbers when given place value clues (two-digit).	SMMA_LO_00990
		Enter the number equal to a given number of ones and tens (0 to 9 tens, 1 to 9 ones).	SMMA_LO_00979
		Model the numbers from 11 to 19 with place value blocks.	SMMA_LO_02018
NBT.A.4	Count by 10s to 120 starting at any number.	Find a missing number in a sequence, counting by 10's (10 to 100, visual support).	SMMA_LO_00971
		Find a missing number in a sequence, counting by 10's (10 to 100).	SMMA_LO_00981
NBT.B	Use place value understanding to add and subtract.		
NBT.B.1	Add within 100.	Find a missing number in a sequence, counting by 1's (11 to 50).	SMMA_LO_00982
		Identify a written number from a spoken number (two-digit).	SMMA_LO_00977
		Show a number using base-ten blocks (two-digit).	SMMA_LO_00978
		Enter the number equal to a given number of ones and tens (0 to 9 tens, 1 to 9 ones).	SMMA_LO_00979
		Add two addends vertically (sums 10 to 18).	SMMA_LO_00041
		Model multiples of 10 (from 10 to 90) with place value blocks.	SMMA_LO_02019

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		Find a missing number in a sequence, counting by 1's (51 to 99).	SMMA_LO_00983
NF	Number Sense and Operations in Fractions		
RA	Relationships and Algebraic Thinking		
RA.A	Represent and solve problems involving addition and subtraction.		
RA.A.1	Use addition and subtraction within 20 to solve problems.	Find the missing minuend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01455
		Solve a subtraction problem in context (minuends 2 to 5).	SMMA_LO_01545
		Find a missing number in a sequence, counting by 1's (1 to 20).	SMMA_LO_00951
		Add two consecutive addends displayed horizontally (one-digit addends, sums 1 to 17).	SMMA_LO_00021
		Subtract using basic math facts (minuends 11 to 19, subtrahends 1 to 8).	SMMA_LO_01435
		Add vertically using basic math facts (sums 11 to 18).	SMMA_LO_00022
		Solve an addition problem in context (same objects, sums 2 to 5).	SMMA_LO_01540
		Subtract vertically using basic math facts (minuends 15 to 18, subtrahends 6 to 9).	SMMA_LO_01444
		Add 9 to a number (sums 10 to 18), given in words.	SMMA_LO_00045
		Add using basic math facts displayed horizontally (sums 10 to 18).	SMMA_LO_00023
		Write a number sentence for an addition problem (sums 2 to 5).	SMMA_LO_01229
		Solve an addition problem with three addends in context (sums 3 to 10).	SMMA_LO_01557

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		Solve an addition problem with three addends in context (sums 3 to 10).	SMMA_LO_01549
		Identify the number sentence that solves a subtraction problem in context (minuends 11 to 18, subtrahends 1 to 9).	SMMA_LO_01439
		Solve a problem in context by finding a missing addend (sums 2 to 5).	SMMA_LO_01546
		Identify the missing number (addend or sum) in an addition equation, for numbers 20 and less.	SMMA_LO_02010
		Solve an addition problem in context (different objects, sums 2 to 5).	SMMA_LO_01544
		Add ten to a number (sums 11 to 19), given in words.	SMMA_LO_00038
		Subtract 10 from a number (minuends 11 to 19, horizontal presentation).	SMMA_LO_01442
		Compare numbers using < or > symbols (1 to 19).	SMMA_LO_00325
		Subtract a one-digit number from a two-digit number displayed horizontally (minuends 11 to 19, subtrahends 1 to 9).	SMMA_LO_01443
		Find the missing addend in a number sentence (three addends, sums 10 to 19).	SMMA_LO_00066
		Add doubles (sums 4 to 18).	SMMA_LO_00019
		Subtract using basic math facts (minuends 11 to 18, subtrahends 1 to 9).	SMMA_LO_01436
		Write a number sentence for an addition problem (sums 2 to 10).	SMMA_LO_01230
		Add two consecutive addends (one-digit addends, sums 1 to 17).	SMMA_LO_00020

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		Solve a problem in context by finding a missing addend (sums 2 to 5).	SMMA_LO_01550
		Add two addends vertically (sums 10 to 18).	SMMA_LO_00041
		Add doubles (sums 2 to 18).	SMMA_LO_00017
		Identify the missing number (minuend, subtrahend, or difference) in a subtraction equation, for numbers 20 and less.	SMMA_LO_02014
		Subtract using basic math facts (student choice, minuends 16 to 19, subtrahends 1 to 9).	SMMA_LO_01433
		Subtract 10 from a two-digit number (student choice, minuends 11 to 19).	SMMA_LO_01441
		Subtract using basic math facts (minuends 15 to 18, subtrahends 6 to 9).	SMMA_LO_01434
		Find the missing subtrahend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01464
		Model the numbers from 11 to 19 with place value blocks.	SMMA_LO_02018
		Identify the picture that can be used to solve an addition or subtraction problem.	SMMA_LO_01255
		Find the missing subtrahend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01449
		Subtract vertically (minuends 11 to 19, subtrahends 1 to 9, no regrouping).	SMMA_LO_01445
		Add using basic math facts displayed horizontally (sums 10 to 18).	SMMA_LO_00042
		Add a two-digit number to a one-digit number by counting (sums up to 18), given in words.	SMMA_LO_00039

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		Choose the expression that can represent a problem with extra information; then solve (addition or subtraction).	SMMA_LO_01239
		Find a missing number in a sequence, counting by 1's (10 to 20).	SMMA_LO_00970
		Act out the solution to an addition problem in context (three addends, sums 1 to 9).	SMMA_LO_01537
		Add two numbers presented in words using basic math facts (sums 1 to 18).	SMMA_LO_00024
		Find the missing minuend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01468
		Find the missing addend in a number sentence (sums 10 to 18).	SMMA_LO_00048
RA.A.2	Solve problems that call for addition of three whole numbers whose sum is within 20.	Find the missing minuend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01455
		Find a missing number in a sequence, counting by 1's (1 to 20).	SMMA_LO_00951
		Add two consecutive addends displayed horizontally (one-digit addends, sums 1 to 17).	SMMA_LO_00021
		Subtract using basic math facts (minuends 11 to 19, subtrahends 1 to 8).	SMMA_LO_01435
		Add vertically using basic math facts (sums 11 to 18).	SMMA_LO_00022
		Subtract vertically using basic math facts (minuends 15 to 18, subtrahends 6 to 9).	SMMA_LO_01444
		Find the missing addend in a number sentence (three addends, sums 1 to 9).	SMMA_LO_00052
		Add 9 to a number (sums 10 to 18), given in words.	SMMA_LO_00045

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		Add using basic math facts displayed horizontally (sums 10 to 18).	SMMA_LO_00023
		Add three addends (audio presentation, sums 3 to 5).	SMMA_LO_00027
		Add three addends (sums 6 to 10).	SMMA_LO_00028
		Solve an addition problem with three addends in context (sums 3 to 10).	SMMA_LO_01549
		Identify the number sentence that solves a subtraction problem in context (minuends 11 to 18, subtrahends 1 to 9).	SMMA_LO_01439
		Identify the missing number (addend or sum) in an addition equation, for numbers 20 and less.	SMMA_LO_02010
		Add ten to a number (sums 11 to 19), given in words.	SMMA_LO_00038
		Subtract 10 from a number (minuends 11 to 19, horizontal presentation).	SMMA_LO_01442
		Compare numbers using < or > symbols (1 to 19).	SMMA_LO_00325
		Subtract a one-digit number from a two-digit number displayed horizontally (minuends 11 to 19, subtrahends 1 to 9).	SMMA_LO_01443
		Find the missing addend in a number sentence (three addends, sums 10 to 19).	SMMA_LO_00066
		Add doubles (sums 4 to 18).	SMMA_LO_00019
		Subtract using basic math facts (minuends 11 to 18, subtrahends 1 to 9).	SMMA_LO_01436
		Add two consecutive addends (one-digit addends, sums 1 to 17).	SMMA_LO_00020
		Add two addends vertically (sums 10 to 18).	SMMA_LO_00041
		Add doubles (sums 2 to 18).	SMMA_LO_00017

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		Identify the missing number (minuend, subtrahend, or difference) in a subtraction equation, for numbers 20 and less.	SMMA_LO_02014
		Subtract using basic math facts (student choice, minuends 16 to 19, subtrahends 1 to 9).	SMMA_LO_01433
		Add three addends (sums 2 to 5).	SMMA_LO_00026
		Subtract 10 from a two-digit number (student choice, minuends 11 to 19).	SMMA_LO_01441
		Subtract using basic math facts (minuends 15 to 18, subtrahends 6 to 9).	SMMA_LO_01434
		Find the missing subtrahend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01464
		Model the numbers from 11 to 19 with place value blocks.	SMMA_LO_02018
		Find the missing subtrahend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01449
		Subtract vertically (minuends 11 to 19, subtrahends 1 to 9, no regrouping).	SMMA_LO_01445
		Add using basic math facts displayed horizontally (sums 10 to 18).	SMMA_LO_00042
		Add three addends displayed horizontally (sums 6 to 10).	SMMA_LO_00029
		Add three addends presented horizontally (one-digit addends, sums 10 to 19).	SMMA_LO_00032
		Add three addends (one-digit addends, sums 11 to 19).	SMMA_LO_00031
		Add a two-digit number to a one-digit number by counting (sums up to 18), given in words.	SMMA_LO_00039

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		Find a missing number in a sequence, counting by 1's (10 to 20).	SMMA_LO_00970
		Act out the solution to an addition problem in context (three addends, sums 1 to 9).	SMMA_LO_01537
		Add two numbers presented in words using basic math facts (sums 1 to 18).	SMMA_LO_00024
		Find the missing minuend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01468
		Find the missing addend in a number sentence (sums 10 to 18).	SMMA_LO_00048
RA.A.3	Develop the meaning of the equal sign and determine if equations involving addition and subtraction are true or false.	Find the missing minuend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01455
		Find the missing subtrahend in a subtraction number sentence (minuends 0 to 9).	SMMA_LO_01432
		Find the missing addend in a number sentence. (sums 2 to 9)	SMMA_LO_00037
		Find the missing addend in a number sentence (three addends, sums 1 to 9).	SMMA_LO_00052
		Determine if equations involving addition and subtraction are true or false.	SMMA_LO_02024
		Find the missing addend in a number sentence (three addends, sums 10 to 19).	SMMA_LO_00066
		Find the missing minuend in a subtraction number sentence (minuends 0 to 9).	SMMA_LO_01440
		Find the missing subtrahend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01464

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		Find the missing subtrahend in a subtraction number sentence (minuends 10 to 14).	SMMA_LO_01446
		Find the missing minuend in a subtraction number sentence (minuends 10 to 14).	SMMA_LO_01451
		Find the missing subtrahend in a subtraction number sentence (minuends 15 to 18).	SMMA_LO_01449
		Find the missing minuend in a subtraction number sentence (minuends 11 to 19).	SMMA_LO_01468
		Find the missing addend in a number sentence (sums 10 to 18).	SMMA_LO_00048
RA.B	Understand and apply properties of operations and the relationship between addition and subtraction.		
RA.B.1	Use properties as strategies to add and subtract.	Apply the Commutative Property of Addition as a strategy to add two numbers; use fact families as a strategy to subtract two numbers.	SMMA_LO_02021
RA.B.2	Demonstrate that subtraction can be solved as an unknown-addend problem.	Solve a subtraction problem by finding the missing addend.	SMMA_LO_02023
RA.C	Add and subtract within 20.		
RA.C.1	Add and subtract within 20.	Add two addends (sums 6 to 10).	SMMA_LO_00012
		Add vertically using basic math facts (sums 11 to 18).	SMMA_LO_00022
		Add using basic math facts (addends 0 to 5, sums 1 to 5).	SMMA_LO_00014
		Add two addends vertically (sums 10 to 18).	SMMA_LO_00041
RA.C.2	Demonstrate fluency with addition and subtraction within 10.	Add two addends (sums 6 to 10).	SMMA_LO_00012

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		Subtract a number from 10 (subtrahends 1 to 9).	SMMA_LO_01424
		Create a set with one more object than a given set (1 to 9 objects).	SMMA_LO_00954
		Find the missing subtrahend in a subtraction number sentence (minuends 0 to 9).	SMMA_LO_01432
		Find the missing addend in a number sentence. (sums 2 to 9)	SMMA_LO_00037
		Count objects arranged in a row (one to nine objects).	SMMA_LO_00957
		Subtract using basic math facts (minuends 6 to 9).	SMMA_LO_01418
		Find the missing addend in a number sentence (three addends, sums 1 to 9).	SMMA_LO_00052
		Solve an addition problem with three addends in context (sums 3 to 10).	SMMA_LO_01557
		Add three addends (sums 6 to 10).	SMMA_LO_00028
		Solve an addition problem with three addends in context (sums 3 to 10).	SMMA_LO_01549
		Create a set with the same, more, or fewer number of objects than a given group (1 to 9 objects).	SMMA_LO_00953
		Find the missing minuend in a subtraction number sentence (minuends 0 to 9).	SMMA_LO_01440
		Write a number sentence for an addition problem (sums 2 to 10).	SMMA_LO_01230
		Add two addends vertically (sums 10 to 18).	SMMA_LO_00041
		Complete fact families with four facts (sums 3 to 10).	SMMA_LO_00322
		Add three addends displayed horizontally (sums 6 to 10).	SMMA_LO_00029

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		Count specific objects within a larger set (6 to 9 objects).	SMMA_LO_00958
		Act out the solution to an addition problem in context (three addends, sums 1 to 9).	SMMA_LO_01537
		Identify a number, model, or word with the same value (1 to 9).	SMMA_LO_00965
		Create a set with one fewer object than a given set (1 to 9 objects).	SMMA_LO_00955
		Add two addends in words (one-digit addends, sums 6 to 10).	SMMA_LO_00016
		Subtract using basic math facts (minuends 1 to 9).	SMMA_LO_01419
GM	Geometry and Measurement		
GM.A	Reason with shapes and their attributes.		
GM.A.3	Recognize two- and three-dimensional shapes from different perspectives and orientations.	Identify triangles or rectangles by name.	SMMA_LO_00546
		Identify circles or squares by name.	SMMA_LO_00544
		Identify the group with the greatest number of shapes of a given type (1 to 6).	SMMA_LO_00959
		Identify triangles, squares, rectangles, and pentagons.	SMMA_LO_00550
GM.B	Measure lengths in non-standard units.		
GM.B.1	Order three or more objects by length.	Order three objects by length.	SMMA_LO_02147
GM.B.2	Compare the lengths of two objects indirectly by using a third object.	Identify the group of objects that is 1 to 5 nonstandard units long or tall.	SMMA_LO_00701
GM.B.3	Demonstrate the ability to measure length or distance using objects.	Find the total length of two objects (nonstandard units, sums 2 to 5).	SMMA_LO_00720
		Measure the length of an object (2 to 7 nonstandard units).	SMMA_LO_00777

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		Count to find the height and width (2 to 5 nonstandard units).	SMMA_LO_00713
		Identify an object given the height and width in nonstandard units.	SMMA_LO_00725
		Identify the group of objects that is 1 to 5 nonstandard units long or tall.	SMMA_LO_00701
		Find the distance between two objects (2 to 8 nonstandard units).	SMMA_LO_00732
		Find the height (2 to 9 nonstandard units).	SMMA_LO_00710
		Count to find how long or tall (2 to 9 nonstandard units).	SMMA_LO_00705
GM.C	Work with time and money.		
GM.C.1	Tell and write time in hours and half-hours using analog and digital clocks.	Tell time to the hour using digital and analog clocks.	SMMA_LO_00716
		Tell time to the hour using an analog clock.	SMMA_LO_00714
		Tell time to the half-hour using an analog clock.	SMMA_LO_00724
GM.C.2	Know the value of a penny, nickel, dime and quarter.	Identify the coin worth 1, 5, 10, or 25 cents.	SMMA_LO_00702
		Identify the coin equivalent to 5, 10, or 25 pennies.	SMMA_LO_00727