



SuccessMaker®

Alignments to SuccessMaker

Providing rigorous intervention
for K-8 learners with unparalleled precision

aimswebPlus CCSS Math Grade-Domain Code - Behavioral Objective Grade 6	SuccessMaker Item Description
Fall	
6.NS.6 Identifies specific points in a coordinate plane.	SMMA_LO_02108 Given two points, describe how the points are related: reflected across the x-axis, reflected across the y-axis, or reflected across both axes.
6.EE.6 Translates word problems into algebraic expressions.	SMMA_LO_02062 Write an expression to represent a real-world problem, using variables to represent numbers.
6.G.1 Compares perimeter of polygons when given their dimensions and areas, solves word problems by determining area of irregular polygons when given dimensions.	SMMA_LO_00508 Multiply mixed numbers to determine the area of a rectangle or triangle; simplify if necessary.
6.EE.9 Identifies ordered pairs that follow a determined pattern, and solves word problems evaluating equations.	SMMA_LO_01741 Identify an expression to describe the pattern generated by a table.
	SMMA_LO_01750 Complete a table given a two-step rule (single-digit whole numbers).
	SMMA_LO_01751 Complete a table given a two-step rule (whole numbers).
	SMMA_LO_01756 Generate a table of values given a two-step rule.
	SMMA_LO_01758 Complete an input/output table given a two-step rule; then plot the ordered pairs on coordinate grid.
	SMMA_LO_02139 Make a table and a graph when given a rule in the form $y = ax$ or $y = x + a$.
6.NS.4 Determines the least common multiple of pairs of numbers 12 or lower, and the greatest common factor of pairs of numbers 100 or less.	SMMA_LO_01112 Find the least common multiple of two or three numbers.
	SMMA_LO_01096 Identify the common multiples for two to three numbers (2 to 20).
	SMMA_LO_01110 Find the greatest common factor for two to three numbers.
	SMMA_LO_01088 Identify a common factor of two numbers (4 to 81).
6.EE.1 Evaluates numeric expressions involving exponents following the order of operations.	SMMA_LO_01100 Match expressions with repeated factors to numbers in exponential form to create equations.

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6.NS.8 Identifies specific polygons by graphing and connecting points in a coordinate plane.	SMMA_LO_02112 Graph points on a coordinate plane based on a real-world context.
	SMMA_LO_02113 Find distances between points with the same first coordinate or the same second coordinate by using coordinates and absolute value.
6.EE.7 Solves one-step addition or subtraction equations, and multiplication and division problems involving fractions and non-zero whole numbers.	SMMA_LO_00357 Solve for a or b in $a \times b = c$ (products 6×2 to 9×12).
	SMMA_LO_00363 Solve for a or b in $a \times b = x$ (products 2×10 to 12×12).
	SMMA_LO_00366 Solve for a or b in $a \times b = x$ (products 2×20 to 12×90 , multiples of 10).
	SMMA_LO_00369 Solve for a or b in $a \times b = c$ (products from 0.2×0.6 to 0.9×0.9).
	SMMA_LO_00376 Solve for a or b in $a \times b = c$ (products from 0.02×0.13 to 0.09×0.19).
	SMMA_LO_00380 Solve for x in $ax = c$ in steps (products 4×4 to 9×10).
	SMMA_LO_01690 Solve a one-step equation (multiplication).
	SMMA_LO_01847 Solve a one-step equation (fractions, multiplication and division).
	SMMA_LO_01692 Solve a one-step equation (division).
	SMMA_LO_01745 Solve a one-step equation in context (division, two-digit whole numbers).
	SMMA_LO_01747 Solve a one-step equation in context (division, two-digit whole numbers).
	SMMA_LO_01688 Solve a one-step equation (subtraction).
	SMMA_LO_01743 Solve a one-step equation in context (addition, two-digit whole numbers).
	SMMA_LO_01744 Solve a one-step equation in context (subtraction, two-digit whole numbers).
	SMMA_LO_01796 Solve one-step equations (addition and subtraction, fractions).
	SMMA_LO_01868 Solve a one-step equation (fractions, addition and subtraction).

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6.RP.2 Solves word problems by comparing ratios.	SMMA_LO_00830 Find the unit price of an item (products 2 x 6 to 25 x 32).
	SMMA_LO_02114 Identify two unit rates for a given word problem.
6.NS.7 Determines distance between points on a number line, involving positive and/or negative numbers.	SMMA_LO_01823 Identify absolute value as a distance from zero on a number line.
6.NS.1 Solves word problems involving fractions.	SMMA_LO_00487 Divide fractions; simplify if necessary.
	SMMA_LO_00491 Divide a fraction by a mixed number; simplify if necessary.
	SMMA_LO_00492 Divide a whole number by a fraction.
	SMMA_LO_00502 Divide a mixed number by a whole number; simplify if necessary.
	SMMA_LO_00511 Identify the equivalent expression for a fraction, whole number, or a mixed numbers being divided by a fraction, a whole number, or a mixed number.
	SMMA_LO_00512 Divide fractions; simplify.
	SMMA_LO_01788 Divide a fraction by a fraction; simplify if necessary.
	SMMA_LO_01789 Divide a mixed number by a fraction; simplify if necessary.
	SMMA_LO_01790 Divide a mixed number by a mixed number; simplify if necessary.
6.EE.2 Translates sentences into algebraic expressions, and identifies equivalent expressions.	SMMA_LO_01759 Identify the expression that is a translation of the written phrase.
	SMMA_LO_01815 Identify the written phrase that is a translation of a expression or inequality.
	SMMA_LO_01816 Translate an expression into a written phrase (two-step).
	SMMA_LO_02056 Write expressions that record operations with numbers and variables.

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6.RP.3 Solves word problems involving ratios, and data presented in a table.	SMMA_LO_00842 Solve time and distance problems (whole numbers).
	SMMA_LO_01284 Solve a proportion problem in context.
	SMMA_LO_01575 Given a rate and a model, find a distance.
	SMMA_LO_01625 Find the number of hours worked given the hourly rate and total earned.
	SMMA_LO_01627 Find the amount of an ingredient needed to make two, three or four times a recipe.
	SMMA_LO_01630 Find the total money earned, given the number of hours worked and the hourly rate.
	SMMA_LO_01635 Solve a problem in context using proportions.
	SMMA_LO_00270 Find a percent of a money amount (\$0.80 to \$10.80).
	SMMA_LO_00275 Find a percent of a number (the percent is greater than or equal to 100).
	SMMA_LO_00276 Find the percent given the whole and the part.
	SMMA_LO_00277 Find the whole given the percent and the part.
	SMMA_LO_02115 Find missing values in a table that represents a proportional relationship, and plot the pairs of values on the coordinate plane.
	SMMA_LO_02116 Complete a comparison statement based on the ratios in two tables.
	SMMA_LO_02117 Convert measurement units either by making a table or by multiplying by a unit rate.

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6.EE.7 Solves one-step addition or subtraction equations, and one-step multiplication equations involving fractions.	SMMA_LO_01688 Solve a one-step equation (subtraction).
	SMMA_LO_01743 Solve a one-step equation in context (addition, two-digit whole numbers).
	SMMA_LO_01744 Solve a one-step equation in context (subtraction, two-digit whole numbers).
	SMMA_LO_01796 Solve one-step equations (addition and subtraction, fractions).
	SMMA_LO_01868 Solve a one-step equation (fractions, addition and subtraction).
	SMMA_LO_01847 Solve a one-step equation (fractions, multiplication and division).
	SMMA_LO_00357 Solve for a or b in $a \times b = c$ (products 6×2 to 9×12).
	SMMA_LO_00363 Solve for a or b in $a \times b = x$ (products 2×10 to 12×12).
	SMMA_LO_00366 Solve for a or b in $a \times b = x$ (products 2×20 to 12×90 , multiples of 10).
	SMMA_LO_00369 Solve for a or b in $a \times b = c$ (products from 0.2×0.6 to 0.9×0.9).
	SMMA_LO_00376 Solve for a or b in $a \times b = c$ (products from 0.02×0.13 to 0.09×0.19).
	SMMA_LO_00380 Solve for x in $ax = c$ in steps (products 4×4 to 9×10).
	SMMA_LO_01690 Solve a one-step equation (multiplication).
6.G.4 Determines missing vertices of a polygon in a coordinate plane.	SMMA_LO_00632 Identify faces, edges, and vertices of solids.
	SMMA_LO_00643 Count the vertices, edges, or faces of a prism or pyramid.
	SMMA_LO_00652 Complete sentences about bases, faces, edges, and vertices of geometric solids.

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6.SP.5 Determines the median of a set of data, and solves word problems by comparing mean, median, mode and range of a set of data.	SMMA_LO_01168 Identify the median of a data set with an odd number of items.
	SMMA_LO_01170 Identify the median of a data set with an even number of items and the two middle values are not equal.
	SMMA_LO_01210 Determine the average (mean), median, mode, and range.
	SMMA_LO_01726 Determine the median of a data set.
	SMMA_LO_01768 Determine the median of a set of data.
	SMMA_LO_01169 Identify the median of a data set with an even number of items and the two middle values are equal.
	SMMA_LO_00151 Find the average (mean) of 3 numbers.
	SMMA_LO_00179 Determine a student's grade point average based on five grades.
	SMMA_LO_00836 Determine the average (mean) of a data set of three to five customary weights or metric masses.
	SMMA_LO_01166 Find the range of a set of data.
	SMMA_LO_01176 Determine the range of a set of data represented in a line graph.
	SMMA_LO_01719 Determine the mode of a data set.
	SMMA_LO_01727 Determine the mean of a data set.
	SMMA_LO_01766 Determine the range of a set of data.
	SMMA_LO_01619 Solve a problem in context by finding the average (mean) of three to seven numbers.
6.NS.6 Identifies specific points in a coordinate plane.	SMMA_LO_02108 Given two points, describe how the points are related: reflected across the x-axis, reflected across the y-axis, or reflected across both axes.

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6.EE.2 Evaluates algebraic expressions when given the value of the variable, and translates sentences into algebraic expressions.	SMMA_LO_01683 Given the value for the variable, evaluate an addition expression (sums 4 to 12).
	SMMA_LO_01685 Evaluate an expression with variables using substitution and a value chart (addition, sums to 18).
	SMMA_LO_01739 Evaluate the expression $mx + c$ or $mx - c$.
	SMMA_LO_01740 Evaluate an expression within a context (multiplication).
	SMMA_LO_01755 Generate a table of values given a one-step rule.
	SMMA_LO_01759 Identify the expression that is a translation of the written phrase.
	SMMA_LO_01815 Identify the written phrase that is a translation of a expression or inequality.
	SMMA_LO_01816 Translate an expression into a written phrase (two-step).
	SMMA_LO_02056 Write expressions that record operations with numbers and variables.
6.EE.3 Identifies equivalent algebraic expressions.	SMMA_LO_00129 Identify an equivalent expression for $a \times (b + c)$ with variables.
	SMMA_LO_02059 Apply the properties of operations to generate equivalent expressions.
	SMMA_LO_01090 Use the commutative and associative properties of addition to find the missing number.
6.NS.7 Determines distance between points on a number line using absolute value, and involving positive and negative numbers.	SMMA_LO_01823 Identify absolute value as a distance from zero on a number line.
6.RP.3 Identifies fractions that are equivalent to given ratios, and solves word problems involving percentages.	SMMA_LO_00270 Find a percent of a money amount (\$0.80 to \$10.80).
	SMMA_LO_00275 Find a percent of a number (the percent is greater than or equal to 100).
	SMMA_LO_00276 Find the percent given the whole and the part.
	SMMA_LO_00277 Find the whole given the percent and the part.
	SMMA_LO_01714 Express a fraction as a percent (denominator is 100).

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6.EE.1 Evaluates numeric expressions involving exponents following the order of operations.	SMMA_LO_01100 Match expressions with repeated factors to numbers in exponential form to create equations.
6.EE.6 Translates a word problems into algebraic expressions.	SMMA_LO_02062 Write an expression to represent a real-world problem, using variables to represent numbers.
6.NS.4 Determines the least common multiple of pairs of numbers 12 or lower, and the greatest common factor of pairs of numbers 100 or less.	SMMA_LO_01112 Find the least common multiple of two or three numbers.
	SMMA_LO_01096 Identify the common multiples for two to three numbers (2 to 20).
	SMMA_LO_01110 Find the greatest common factor for two to three numbers.
	SMMA_LO_01088 Identify a common factor of two numbers (4 to 81).
6.NS.8 Determines distance between points in the coordinate plane.	SMMA_LO_02112 Graph points on a coordinate plane based on a real-world context.
	SMMA_LO_02113 Find distances between points with the same first coordinate or the same second coordinate by using coordinates and absolute value.
6.EE.9 Translates word problems with two unknown quantities into equations.	SMMA_LO_01741 Identify an expression to describe the pattern generated by a table.
	SMMA_LO_01750 Complete a table given a two-step rule (single-digit whole numbers).
	SMMA_LO_01751 Complete a table given a two-step rule (whole numbers).
	SMMA_LO_01756 Generate a table of values given a two-step rule.
	SMMA_LO_01758 Complete an input/output table given a two-step rule; then plot the ordered pairs on coordinate grid.
	SMMA_LO_02139 Make a table and a graph when given a rule in the form $y = ax$ or $y = x + a$.
6.G.1 Determines unknown dimensions of a polygon when given the area and side length.	SMMA_LO_00508 Multiply mixed numbers to determine the area of a rectangle or triangle; simplify if necessary.
6.RP.1 Calculates the ratio of two objects in a set.	SMMA_LO_01712 Identify the ratio.
	SMMA_LO_01825 Write a ratio in three different forms.

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6.NS.1 Compares quotients of fractions.	SMMA_LO_00487 Divide fractions; simplify if necessary.
	SMMA_LO_00491 Divide a fraction by a mixed number; simplify if necessary.
	SMMA_LO_00492 Divide a whole number by a fraction.
	SMMA_LO_00502 Divide a mixed number by a whole number; simplify if necessary.
	SMMA_LO_00511 Identify the equivalent expression for a fraction, whole number, or a mixed numbers being divided by a fraction, a whole number, or a mixed number.
	SMMA_LO_00512 Divide fractions; simplify.
	SMMA_LO_01788 Divide a fraction by a fraction; simplify if necessary.
	SMMA_LO_01789 Divide a mixed number by a fraction; simplify if necessary.
	SMMA_LO_01790 Divide a mixed number by a mixed number; simplify if necessary.
Spring	
6.NS.4 Determines the least common multiple of pairs of numbers 12 or lower, and the greatest common factor of pairs of numbers 100 or less.	SMMA_LO_01112 Find the least common multiple of two or three numbers.
	SMMA_LO_01096 Identify the common multiples for two to three numbers (2 to 20).
	SMMA_LO_01110 Find the greatest common factor for two to three numbers.
	SMMA_LO_01088 Identify a common factor of two numbers (4 to 81).
6.NS.6 Identifies specific points in a coordinate plane.	SMMA_LO_02108 Given two points, describe how the points are related: reflected across the x-axis, reflected across the y-axis, or reflected across both axes.
6.EE.7 Solves one-step multiplication equations.	SMMA_LO_01847 Solve a one-step equation (fractions, multiplication and division).
	SMMA_LO_00357 Solve for a or b in a $x b = c$ (products 6 x 2 to 9 x 12).
	SMMA_LO_00363 Solve for a or b in a $x b = x$ (products 2 x 10 to 12 x 12).
	SMMA_LO_00366 Solve for a or b in a $x b = x$ (products 2 x 20 to 12 x 90, multiples of 10).

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	SMMA_LO_00369 Solve for a or b in $a \times b = c$ (products from 0.2×0.6 to 0.9×0.9).
	SMMA_LO_00376 Solve for a or b in $a \times b = c$ (products from 0.02×0.13 to 0.09×0.19).
	SMMA_LO_00380 Solve for x in $ax = c$ in steps (products 4×4 to 9×10).
	SMMA_LO_01690 Solve a one-step equation (multiplication).
6.G.4 Identifies specific polygons by graphing and connecting points in a coordinate plane.	SMMA_LO_00632 Identify faces, edges, and vertices of solids.
	SMMA_LO_00643 Count the vertices, edges, or faces of a prism or pyramid.
	SMMA_LO_00652 Complete sentences about bases, faces, edges, and vertices of geometric solids.
6.SP.5 Calculates mean of a set of data, and solves word problems by comparing mean, median, mode and range of a set of data.	SMMA_LO_00151 Find the average (mean) of 3 numbers.
	SMMA_LO_00179 Determine a student's grade point average based on five grades.
	SMMA_LO_00836 Determine the average (mean) of a data set of three to five customary weights or metric masses.
	SMMA_LO_01210 Determine the average (mean), median, mode, and range.
	SMMA_LO_01727 Determine the mean of a data set.
	SMMA_LO_01619 Solve a problem in context by finding the average (mean) of three to seven numbers.
	SMMA_LO_01166 Find the range of a set of data.
	SMMA_LO_01168 Identify the median of a data set with an odd number of items.
	SMMA_LO_01170 Identify the median of a data set with an even number of items and the two middle values are not equal.
	SMMA_LO_01176 Determine the range of a set of data represented in a line graph.
	SMMA_LO_01719 Determine the mode of a data set.
	SMMA_LO_01726 Determine the median of a data set.

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	SMMA_LO_01766 Determine the range of a set of data.
	SMMA_LO_01768 Determine the median of a set of data.
	SMMA_LO_01169 Identify the median of a data set with an even number of items and the two middle values are equal.
6.EE.2 Evaluates algebraic expressions when given the value of the variable, and translates sentences into algebraic expressions.	SMMA_LO_01683 Given the value for the variable, evaluate an addition expression (sums 4 to 12).
	SMMA_LO_01685 Evaluate an expression with variables using substitution and a value chart (addition, sums to 18).
	SMMA_LO_01739 Evaluate the expression $mx + c$ or $mx - c$.
	SMMA_LO_01740 Evaluate an expression within a context (multiplication).
	SMMA_LO_01755 Generate a table of values given a one-step rule.
	SMMA_LO_01759 Identify the expression that is a translation of the written phrase.
	SMMA_LO_01815 Identify the written phrase that is a translation of a expression or inequality.
	SMMA_LO_01816 Translate an expression into a written phrase (two-step).
	SMMA_LO_02056 Write expressions that record operations with numbers and variables.
6.NS.7 Determines distance between points on a number line using absolute value, and involving positive and negative numbers.	SMMA_LO_01823 Identify absolute value as a distance from zero on a number line.
6.EE.1 Evaluates numeric expressions involving exponents following the order of operations.	SMMA_LO_01100 Match expressions with repeated factors to numbers in exponential form to create equations.
6.EE.6 Translates word problems into algebraic expressions.	SMMA_LO_02062 Write an expression to represent a real-world problem, using variables to represent numbers.

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6.NS.1 Identifies equivalent fraction expressions involving multiplication and division.	SMMA_LO_00487 Divide fractions; simplify if necessary.
	SMMA_LO_00491 Divide a fraction by a mixed number; simplify if necessary.
	SMMA_LO_00492 Divide a whole number by a fraction.
	SMMA_LO_00502 Divide a mixed number by a whole number; simplify if necessary.
	SMMA_LO_00511 Identify the equivalent expression for a fraction, whole number, or a mixed numbers being divided by a fraction, a whole number, or a mixed number.
	SMMA_LO_00512 Divide fractions; simplify.
	SMMA_LO_01788 Divide a fraction by a fraction; simplify if necessary.
	SMMA_LO_01789 Divide a mixed number by a fraction; simplify if necessary.
	SMMA_LO_01790 Divide a mixed number by a mixed number; simplify if necessary.
6.NS.8 Identifies specific polygons by graphing and connecting points in a coordinate plane, and determines distance between points in the coordinate plane.	SMMA_LO_02112 Graph points on a coordinate plane based on a real-world context.
	SMMA_LO_02113 Find distances between points with the same first coordinate or the same second coordinate by using coordinates and absolute value.
6.RP.3 Solves word problems involving ratios and percentages.	SMMA_LO_00270 Find a percent of a money amount (\$0.80 to \$10.80).
	SMMA_LO_00275 Find a percent of a number (the percent is greater than or equal to 100).
	SMMA_LO_00276 Find the percent given the whole and the part.
	SMMA_LO_00277 Find the whole given the percent and the part.
	SMMA_LO_01714 Express a fraction as a percent (denominator is 100).
	SMMA_LO_00842 Solve time and distance problems (whole numbers).
	SMMA_LO_01284 Solve a proportion problem in context.

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	SMMA_LO_01575 Given a rate and a model, find a distance.
	SMMA_LO_01625 Find the number of hours worked given the hourly rate and total earned.
	SMMA_LO_01627 Find the amount of an ingredient needed to make two, three or four times a recipe.
	SMMA_LO_01630 Find the total money earned, given the number of hours worked and the hourly rate.
	SMMA_LO_01635 Solve a problem in context using proportions.
6.EE.9 Translates word problems with two unknown quantities into equations.	SMMA_LO_01741 Identify an expression to describe the pattern generated by a table.
	SMMA_LO_01750 Complete a table given a two-step rule (single-digit whole numbers).
	SMMA_LO_01751 Complete a table given a two-step rule (whole numbers).
	SMMA_LO_01756 Generate a table of values given a two-step rule.
	SMMA_LO_01758 Complete an input/output table given a two-step rule; then plot the ordered pairs on coordite grid.
	SMMA_LO_02139 Make a table and a graph when given a rule in the form $y = ax$ or $y = x + a$.
6.G.3 Determines missing vertices of a polygon in a coordinate plane.	SMMA_LO_00632 Identify faces, edges, and vertices of solids.
	SMMA_LO_00643 Count the vertices, edges, or faces of a prism or pyramid.
	SMMA_LO_00652 Complete sentences about bases, faces, edges, and vertices of geometric solids.
6.G.1 Solves word problems by determining area of irregular polygons when given dimensions, and determines the dimensions of a polygon when given the area.	SMMA_LO_00508 Multiply mixed numbers to determine the area of a rectangle or triangle; simplify if necessary.