SuccessMaker®

**Florida B.E.S.T. Standards for Mathematics 2020
Benchmarks for Excellent Student Thinking
Grade 4**

**Alignments to SuccessMaker
Providing rigorous intervention
for K-8 learners with unparalleled precision**

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
MA.4.NSO	Number Sense and Operations		
MA.4.NSO.1	Understand place value for multi-digit numbers.		
MA.4.NSO.1.1	Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right.	Identify the place and the value of a digit in a number; for that value, identify the number 10 times as much and the number 1/10 as much.	SMMA_LO_02045
		Addition and Subtraction Targeted Lesson 29: Place Value of Numbers Up to Six Digits	
MA.4.NSO.1.2	Read and write multi-digit whole numbers from 0 to 1,000,000 using standard form, expanded form and word form.	Identify the number when given the word name (10,000 to 999,999).	SMMA_LO_01076
		Identify a word name for a four, five- or six-digit numbers.	SMMA_LO_01043
		Express a number in expanded notation or determine the number from an expanded notation.	SMMA_LO_01097
		Relate word names, expanded form, and numbers of four-digit numbers.	SMMA_LO_02214
		Addition and Subtraction Targeted Lesson 29: Place Value of Numbers Up to Six Digits	
		Identify the number when given the word name (10,000 to 999,999).	SMMA_LO_01076
MA.4.NSO.1.3	Plot, order and compare multi-digit whole numbers up to 1,000,000.	Order four numbers from least to greatest (1,000 to 9,999).	SMMA_LO_01040
		Identify a number that is between two numbers, or before, after, or closer to a number (101 to 999).	SMMA_LO_01027
		Order five numbers from least to greatest (three- to six-digit numbers).	SMMA_LO_01710
		Enter a number on a partially numbered number line (100 to 999).	SMMA_LO_01037
		Compare two whole numbers (three to seven-digit numbers).	SMMA_LO_01711

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Addition and Subtraction Targeted Lesson 30: Rounding and Comparing Numbers Through Hundred Thousands	
MA.4.NSO.1.4	Round whole numbers from 0 to 10,000 to the nearest 10, 100 or 1,000.	Estimate the product by rounding the second factor. (two-digit number to the nearest 10)	SMMA_LO_01603
		Estimate the difference of 2 four-digit numbers by rounding each to the nearest thousand.	SMMA_LO_01614
		Round a three- to five-digit number to the nearest hundred.	SMMA_LO_01081
		Identify the best estimate for a sum of two numbers (two-digit addends, round to the nearest 10).	SMMA_LO_01052
		Estimate the sum, difference, product or quotient to solve a problem in context (round to the nearest thousand).	SMMA_LO_01109
		Round a two-digit number to the nearest ten.	SMMA_LO_01649
		Round four- five- and six-digit numbers to a given place.	SMMA_LO_01106
		Round a two-digit number to the nearest ten (hundreds chart).	SMMA_LO_01648
		Round a two-digit number to the nearest ten.	SMMA_LO_01028
		Estimate the sum by rounding to the nearest hundred (three-digit addends).	SMMA_LO_01675
		Estimate the sum or difference in a money problem by rounding to the nearest 10 (two-digit sums and differences).	SMMA_LO_01580
		Estimate the sum by rounding to the nearest 10 (two-digit addends).	SMMA_LO_01615
		Round a three-digit number to the nearest hundred.	SMMA_LO_01651
		Round a three-digit number to the nearest hundred.	SMMA_LO_01036
		Round a three-digit number to the nearest hundred.	SMMA_LO_01652
		Round two-digit numbers to the nearest ten.	SMMA_LO_01647

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Round a two-digit or three-digit number to the nearest ten.	SMMA_LO_01059
		Estimate the sum by rounding to the nearest hundred (three-digit addends).	SMMA_LO_01621
		Round a three-digit number to the nearest hundred.	SMMA_LO_01650
		Addition and Subtraction Targeted Lesson 25: Rounding to the Nearest 10 or 100	
MA.4.NSO.1.5	Plot, order and compare decimals up to the hundredths.	Compare decimal numbers (0.1 to 9.9).	SMMA_LO_00191
		Order three decimal numbers (tenths to hundredths).	SMMA_LO_00218
		Compare two decimal numbers (10.01 to 99.99).	SMMA_LO_00216
		Order three decimals from least to greatest (to thousandths).	SMMA_LO_00236
		Add and compare decimals to hundredths to decide whether customers will save money.	SMMA_LO_02506
		Compare decimals (to hundredths) to benchmark fractions.	SMMA_LO_00209
		Find a decimal number that is either greater than or less than two decimal numbers.	SMMA_LO_01118
		Identify the decimal number with a 0 to 9 in the tenths or hundredths place.	SMMA_LO_00202
		Compare decimal numbers (to thousandths).	SMMA_LO_00225
		Fractions and Decimals Targeted Lesson 30: Comparing Decimals	
		Fractions and Decimals Targeted Lesson 31: Ordering Decimals	
MA.4.NSO.2	Build an understanding of operations with multi-digit numbers including decimals.		
MA.4.NSO.2.1	Recall multiplication facts with factors up to 12 and related division facts with automaticity.	Multiply a two-digit number by a one-digit number (student choice, products 10 x 2 to 15 x 5).	SMMA_LO_00870
		Multiply a two-digit number by a one-digit number (products 10 x 2 to 12 x 12).	SMMA_LO_00871

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		Identify a picture that represents a multiplication problem (basic facts).	SMMA_LO_01246
		Multiply whole numbers (products to 5 x 5).	SMMA_LO_00855
		Practice multiplication using basic facts; products less than or equal to 100.	SMMA_SG_00790
		Practice multiplication using basic facts; products less than or equal to 30.	SMMA_SG_00500
		Practice multiplication using basic facts; products less than or equal to 144.	SMMA_SG_00890
		Practice multiplication using basic facts; products less than or equal to 144.	SMMA_SG_00870
		Multiply two one-digit numbers (products 6 x 2 to 9 x 5).	SMMA_LO_00865
		Divide using basic facts (combinations to 5 x 5).	SMMA_LO_00280
		Practice multiplication using basic facts; products less than or equal to 12.	SMMA_SG_00460
		Practice multiplication using basic facts; products less than or equal to 144.	SMMA_SG_00830
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00540
		Complete fact families with four facts (products 2 x 3 to 8 x 9).	SMMA_LO_00344
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00630
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00680
		Finding the missing dividend or divisor (combinations 6 x 13 to 9 x 19).	SMMA_LO_00310
		Multiply a one-digit number by a two-digit number (products 2 x 12 to 9 x 12).	SMMA_LO_00875
		Multiply two one-digit numbers (products 1 x 6 to 5 x 9).	SMMA_LO_00863
		Multiply two one-digit numbers (products 6 x 6 to 9 x 9).	SMMA_LO_00867

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Multiply a 1-digit number by a 2-digit number (products 12 x 6 to 19 x 9).	SMMA_LO_00896
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00550
		Compare products (products 2 x 2 to 9 x 9).	SMMA_LO_00350
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00570
		Multiply a two-digit number by a one-digit number (student choice, products 10 x 6 to 15 x 9).	SMMA_LO_00874
		Divide (combinations 6 x 6 to 9 x 9, no remainder).	SMMA_LO_00284
		Practice multiplication using basic facts; products less than or equal to 100.	SMMA_SG_00750
		Practice multiplication using basic facts; products less than or equal to 12.	SMMA_SG_00450
		Multiply two one-digit numbers displayed horizontally (products 6 x 6 to 9 x 9).	SMMA_LO_00868
		Divide (combinations 5 x 9 to 6 x 12, no remainder).	SMMA_LO_00288
		Practice multiplication using basic facts; products less than or equal to 12.	SMMA_SG_00490
		Practice multiplication using basic facts; products less than or equal to 30.	SMMA_SG_00510
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00660
		Practice multiplication using basic facts; products less than or equal to 100.	SMMA_SG_00760
		Practice multiplication using basic facts; products less than or equal to 30.	SMMA_SG_00520
		Practice multiplication using basic facts; products less than or equal to 144.	SMMA_SG_00860
		Multiply two one-digit numbers (products 1 x 2 to 5 x 5).	SMMA_LO_00861

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		Make a picture to solve a multiplication problem (basic facts).	SMMA_LO_01237
		Multiply two one-digit numbers (displayed horizontally (products 1 x 6 to 5 x 9).	SMMA_LO_00859
		Divide (combinations 2 x 10 to 5 x 12, no remainder).	SMMA_LO_00286
		Multiply a two-digit number by a one-digit number (student choice, vertical, products 10 x 1 to 12 x 4).	SMMA_LO_00869
		Divide using basic facts (combinations 2 x 6 to 9 x 5).	SMMA_LO_00282
		Multiply two one-digit numbers (products 6 x 1 to 9 x 5).	SMMA_LO_00857
		Practice multiplication using basic facts; products less than or equal to 50.	SMMA_SG_00580
MA.4.NSO.2.2	Multiply two whole numbers, up to three digits by up to two digits, with procedural reliability.	Multiply a two-digit number by a one-digit number (student choice, products 10 x 2 to 15 x 5).	SMMA_LO_00870
		Multiply a two-digit number by a two-digit number (student choice, products 16 x 11 to 19 x 99).	SMMA_LO_00901
		Multiply a two-digit number by a one-digit number (products 10 x 2 to 12 x 12).	SMMA_LO_00871
		Multiply a two-digit number by a one-digit number (student choice, products 16 x 6 to 19 x 9).	SMMA_LO_00876
		Use partial sums and arrays to solve a two-digit by a one-digit multiplication problem.	SMMA_LO_01716
		Multiply whole numbers (student choice, products 100 x 21 to 990 x 90, multiples of 10).	SMMA_LO_00905
		Multiply whole numbers (products 20 x 20 to 90 x 90, multiples of 10).	SMMA_LO_00889
		Multiply a one-digit number by a two-digit number (products 2 x 12 to 9 x 12).	SMMA_LO_00875
		Use an area model to solve a multiplication problem (two-digit factors).	SMMA_LO_01734

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		Solve a multiplication problem in context (one-, two-, and three-digit factors).	SMMA_LO_01604
		Multiply a 1-digit number by a 2-digit number (products 12 x 6 to 19 x 9).	SMMA_LO_00896
		Multiply a two-digit number by a one-digit number (student choice, products 21 x 2 to 99 x 9).	SMMA_LO_00880
		Multiply whole numbers (student choice, products 11 x 11 to 15 x 99).	SMMA_LO_00899
		Multiply a two-digit number by a one-digit number (student choice, products 10 x 6 to 15 x 9).	SMMA_LO_00874
		Multiply whole numbers (student choice, products 101 x 21 to 999 x 99).	SMMA_LO_00907
		Multiply whole numbers (student choice, products 101 x 2 to 999 x 9).	SMMA_LO_00886
		Multiply whole numbers (student choice, products 21 x 11 to 99 x 99).	SMMA_LO_00903
		Multiply a two-digit number by a one-digit number (student choice, products 16 x 2 to 19 x 5).	SMMA_LO_00872
		Multiply a 1-digit number by a 2-digit number (products 13 x 1 to 19 x 5).	SMMA_LO_00894
		Multiply a two-digit number by a one-digit number (student choice, vertical, products 10 x 1 to 12 x 4).	SMMA_LO_00869
		Multiply a three-digit number by a one-digit number (student choice, products 100 x 2 to 990 x 9, multiples of 10).	SMMA_LO_00882
		Represent the product of 2 two-digit numbers using arrays, area models, or equations.	SMMA_LO_00884
		Multiplication and Division Targeted Lesson 32: Multiplying by Two-Digit Numbers	

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MA.4.NSO.2.3	Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency.	Multiply a two-digit number by a one-digit number (student choice, products 10 x 2 to 15 x 5).	SMMA_LO_00870
		Multiply a two-digit number by a two-digit number (student choice, products 16 x 11 to 19 x 99).	SMMA_LO_00901
		Multiply a two-digit number by a one-digit number (products 10 x 2 to 12 x 12).	SMMA_LO_00871
		Multiply a two-digit number by a one-digit number (student choice, products 16 x 6 to 19 x 9).	SMMA_LO_00876
		Use partial sums and arrays to solve a two-digit by a one-digit multiplication problem.	SMMA_LO_01716
		Multiply whole numbers (products 20 x 20 to 90 x 90, multiples of 10).	SMMA_LO_00889
		Multiply a one-digit number by a two-digit number (products 2 x 12 to 9 x 12).	SMMA_LO_00875
		Use an area model to solve a multiplication problem (two-digit factors).	SMMA_LO_01734
		Solve a multiplication problem in context (one-, two-, and three-digit factors).	SMMA_LO_01604
		Multiply a 1-digit number by a 2-digit number (products 12 x 6 to 19 x 9).	SMMA_LO_00896
		Multiply a two-digit number by a one-digit number (student choice, products 21 x 2 to 99 x 9).	SMMA_LO_00880
		Multiply whole numbers (student choice, products 11 x 11 to 15 x 99).	SMMA_LO_00899
		Multiply a two-digit number by a one-digit number (student choice, products 10 x 6 to 15 x 9).	SMMA_LO_00874
		Multiply whole numbers (student choice, products 21 x 11 to 99 x 99).	SMMA_LO_00903
		Multiply a two-digit number by a one-digit number (student choice, products 16 x 2 to 19 x 5).	SMMA_LO_00872

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Multiply a 1-digit number by a 2-digit number (products 13 x 1 to 19 x 5).	SMMA_LO_00894
		Multiply a two-digit number by a one-digit number (student choice, vertical, products 10 x 1 to 12 x 4).	SMMA_LO_00869
		Represent the product of 2 two-digit numbers using arrays, area models, or equations.	SMMA_LO_00884
		Multiply one- to five-digit whole numbers by powers of ten (10 to 100,000).	SMMA_LO_01078
		Multiplication and Division Targeted Lesson 32: Multiplying by Two-Digit Numbers	
MA.4.NSO.2.4	Divide a whole number up to four digits by a one-digit whole number with procedural reliability. Represent remainders as fractional parts of the divisor.	Divide using the long division algorithm (one-digit divisor, remainder).	SMMA_LO_00292
		Divide using the long division algorithm (one-digit divisor, remainder).	SMMA_LO_00295
		Represent a quotient by using arrays, area models, or equations.	SMMA_LO_00300
MA.4.NSO.2.5	Explore the multiplication and division of multi-digit whole numbers using estimation, rounding and place value.	Estimate the product by rounding the second factor. (two-digit number to the nearest 10)	SMMA_LO_01603
		Solve a division problem about money with extra information (round quotient to the nearest whole number).	SMMA_LO_01585
		Estimate the quotient in a long division problem (three-digit dividend, two-digit divisor, remainder).	SMMA_LO_00301
		Estimate the product by rounding each factor (a two-digit number by a three-digit number)	SMMA_LO_01622
		Estimate the quotient to the nearest ten (three-digit dividends, one-digit divisors).	SMMA_LO_00314
		Identify the best estimate of a sum, difference, or product.	SMMA_LO_00231
		Estimate the product of three factors (1,000 to 350,000).	SMMA_LO_01099

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		Solve a division problem in context by rounding the quotient to the next whole number (model shown).	SMMA_LO_01573
		Choose the best estimate for a long division problem (three-digit dividends, two-digit divisors).	SMMA_LO_00315
		Use place value to determine the number that is 10 or 100 more or less than a given number.	SMMA_LO_02186
		Multiplication and Division Targeted Lesson 34: Estimating When Dividing	
MA.4.NSO.2.7	Explore the addition and subtraction of multi-digit numbers with decimals to the hundredths.	Add decimals numbers using mental math (sums 1.0 to 99.8, regrouping).	SMMA_LO_00217
		Subtract decimal numbers (minuends and subtrahends 0.1 to 9.9, no regrouping).	SMMA_LO_00195
		Add two decimal numbers (tenths, sums 1.0 to 2.0, regrouping).	SMMA_LO_00192
		Align the decimal numbers in a vertical subtraction problem; then solve (decimals to thousandths).	SMMA_LO_00233
		Subtract decimals numbers (minuends and subtrahends 0.01 to 9.99).	SMMA_LO_00207
		Add and compare decimals to hundredths to decide whether customers will save money.	SMMA_LO_02506
		Add two decimal numbers using mental math (sums 10.1 to 99.9, no regrouping).	SMMA_LO_00196
		Add the decimal numbers provided on a data table.	SMMA_LO_01785
		Subtract decimal numbers (minuends 2.0 to 9.9, subtrahends 0.1 to 0.9, regrouping).	SMMA_LO_00198
		Subtract decimal numbers (minuends and subtrahends 0.1 to 99.9, with or without regrouping).	SMMA_LO_00203
		Add decimal numbers (sums less than 10.0, regrouping).	SMMA_LO_00199

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		Align the decimal numbers for a vertical addition problem; then solve (to thousandths).	SMMA_LO_00226
		Subtract decimal numbers using mental math (minuends and subtrahends 10.1 to 99.9, no regrouping).	SMMA_LO_00197
		Align the decimal numbers for a vertical subtraction problem; then solve (to thousandths).	SMMA_LO_00228
		Align the decimal numbers in a vertical addition problem; then solve (hundredths, regrouping).	SMMA_LO_00211
		Subtract decimals with regrouping (to ten-thousandths).	SMMA_LO_00243
		Add two decimal numbers using mental math (sums 1.1 to 9.9, no regrouping).	SMMA_LO_00193
		Subtract the decimal numbers provided on a data table.	SMMA_LO_01786
		Represent addition and subtraction of rational numbers (decimals) on a number line.	SMMA_LO_02154
		Align the decimal numbers in a vertical subtraction problem; then solve (hundredths, regrouping).	SMMA_LO_00212
		Add decimals using addition facts (sums 0.02-0.99).	SMMA_LO_00206
		Subtract metric length or weight Measurements expressed as decimals (to tenths, difference 1.2 to 8.9, regrouping).	SMMA_LO_00159
		Add or subtract decimals using mental math (sums less than 1.00, with or without regrouping).	SMMA_LO_00210
		Add two decimal numbers (sums 1.0 to 98.9, regrouping).	SMMA_LO_00201
		Fractions and Decimals Targeted Lesson 33: Decimal Sequences	
		Fractions and Decimals Targeted Lesson 34: Adding and Subtracting Decimals	

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
MA.4.FR	Fractions		
MA.4.FR.1	Develop an understanding of the relationship between different fractions and the relationship between fractions and decimals.	Identify decimals or fractions that are not equivalent to a given decimal or fraction.	SMMA_LO_01094
		Determine the equivalent decimal for a mixed number.	SMMA_LO_00260
		Find an equivalent mixed number for a decimal (tenths to ten thousandths).	SMMA_LO_00255
		Match a decimal number to an equivalent fraction (tenths to thousandths).	SMMA_LO_00224
		Match a fraction to a decimal (tenths, 0.1 to 0.9).	SMMA_LO_00184
		Determine the fraction and decimal that represent a model (base-ten blocks, tenths, 0.1 to 0.9).	SMMA_LO_00185
		Determine the equivalent fraction for a decimal (the denominator is a factor of 100).	SMMA_LO_00259
		Divide to convert from a fraction to a decimal equivalent.	SMMA_LO_00258
		Fractions and Decimals Targeted Lesson 29: Equivalent Decimals and Fractions	
		Ratios and Equations Targeted Lesson 16: Relating Percents, Decimals, and Fractions	
MA.4.FR.1.1	Model and express a fraction, including mixed numbers and fractions greater than one, with the denominator 10 as an equivalent fraction with the denominator 100.	Express a fraction with denominator 10 as an equivalent fraction with denominator 100. Then, add that fraction to another fraction with denominator 100.	SMMA_LO_02007
		Fractions and Decimals Targeted Lesson 26: Representing Tenths and Hundredths	
MA.4.FR.1.2	Use decimal notation to represent fractions with denominators of 10 or 100, including mixed numbers and fractions greater than 1, and use fractional notation with denominators of 10 or 100 to represent decimals.	Fractions and Decimals Targeted Lesson 26: Representing Tenths and Hundredths	

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MA.4.FR.1.3	Identify and generate equivalent fractions, including fractions greater than one. Describe how the numerator and denominator are affected when the equivalent fraction is created.	Identify fractions that are equivalent to a given negative fraction.	SMMA_LO_02087
		Compare fractions and recognize equivalent fractions to help decide if the bee population is getting shorter.	SMMA_LO_02502
		Find the missing numerator or denominator in an equivalent fraction (simplified fractions 1/2 to 3/4).	SMMA_LO_00451
		Using models, find equivalent fractions (halves to twelfths).	SMMA_LO_00433
		Determine the equivalent fractions using the least common denominator of two given fractions.	SMMA_LO_00494
		Using a model, rewrite a mixed number as a fraction (halves to eighths).	SMMA_LO_00446
		Generate a table of equivalent fractions for a fraction in simplest form.	SMMA_LO_01791
		Determine the equivalent decimal for a mixed number.	SMMA_LO_00260
		Rewrite a mixed number as a fraction (fifths to ninths).	SMMA_LO_00450
		Model equivalent fractions; identify equivalent fractions on a number line.	SMMA_LO_02035
		Find an equivalent fraction of a simplified fraction (simplified fractions 1/2 to 8/9).	SMMA_LO_00457
		Identify two equivalent fractions for 1/2.	SMMA_LO_01708
		Find the missing numerator or denominator in an equivalent fraction (simplified fractions 1/2 to 7/8).	SMMA_LO_00453
		Identify the fraction equivalent to the given fraction.	SMMA_LO_01793
		Find three equivalent fractions (simplified fractions 1/2 to 8/9).	SMMA_LO_00458
		Generate a table of equivalent fractions for a fraction not in simplest form.	SMMA_LO_01792

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		Fractions and Decimals Targeted Lesson 6: Equivalent Fraction Area Models	
		Fractions and Decimals Targeted Lesson 7: Equivalent Fraction Set Models	
		Fractions and Decimals Targeted Lesson 14: Simplifying Fractions	
MA.4.FR.1.4	Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators.	Use a model to compare two fractions (halves to eighths, unlike denominators).	SMMA_LO_00429
		Identify the greatest or least fraction in a problem (unlike denominators).	SMMA_LO_00482
		Order three fractions from least to greatest (unlike denominators, halves to twelfths).	SMMA_LO_00440
		Using models, compare fractions (unlike denominators, halves to sixteenths).	SMMA_LO_00436
		Add and subtract mixed numbers to help a botanist compare the growth rates of plants in an experiment.	SMMA_LO_02504
		Identify a list of fractions that is ordered from least to greatest (to sixths).	SMMA_LO_00497
		Compare fractions (unlike denominators, to ninths).	SMMA_LO_00495
		Using models, compare fractions (unlike denominators, numerators equal to one, halves to sixteenths).	SMMA_LO_00435
		Identify the fraction that is greater than a given fraction (unlike denominators, halves to eighths).	SMMA_LO_00437
		Compare fractions (unlike denominators).	SMMA_LO_00462
		Using models, compare fractions (unlike denominators, halves to eighths).	SMMA_LO_00438
		Identify the fraction that is between two fractions	SMMA_LO_00503

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		Fractions and Decimals Targeted Lesson 10: Comparing Fractions	
		Fractions and Decimals Targeted Lesson 11: More Comparing Fractions	
		Fractions and Decimals Targeted Lesson 12: Ordering Fractions	
MA.4.FR.2	Build a foundation of addition, subtraction and multiplication operations with fractions.		
MA.4.FR.2.1	Decompose a fraction, including mixed numbers and fractions greater than one, into a sum of fractions with the same denominator in multiple ways. Demonstrate each decomposition with objects, drawings and equations.	Use addition to find an equivalent fraction for 1/2.	SMMA_LO_01706
		Represent a fraction a/b as a sum of fractions 1/b, where a and b are whole numbers and b > 0, including when a > b.	SMMA_LO_02191
		Determine addition expressions that are equivalent to a given fraction.	SMMA_LO_02146
		Fractions and Decimals Targeted Lesson 13: Fractions and Mixed Numbers	
MA.4.FR.2.2	Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability.	Subtract mixed numbers; simplify if necessary (like denominators).	SMMA_LO_00485
		Use a model and an equation to solve word problems involving the addition of fractions with like denominators.	SMMA_LO_02004
		Add mixed numbers with like denominators in context; simplify if necessary.	SMMA_LO_01624
		Add mixed numbers; simplify if necessary (like denominators, halves to sixteenths).	SMMA_LO_00463
		Add and subtract mixed numbers to help a botanist compare the growth rates of plants in an experiment.	SMMA_LO_02504

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Add mixed numbers within a context; simplify if necessary (like denominators).	SMMA_LO_00480
		Add mixed numbers; simplify if necessary (like denominators).	SMMA_LO_00484
		Use a model and an equation to solve word problems involving the subtraction of fractions with like denominators.	SMMA_LO_02016
		Add fractions with like denominators (no simplifying).	SMMA_LO_01709
		Subtract mixed numbers; no simplifying (like denominators, thirds to twelfths).	SMMA_LO_00461
		Using models, subtract fractions, no simplifying (like denominators, halves to eighths).	SMMA_LO_00442
		Subtract mixed numbers in context; simplify if necessary (like denominators).	SMMA_LO_00481
		Using models, add fractions, no simplifying (like denominators, thirds to eighths).	SMMA_LO_00441
		Add mixed numbers; no simplifying (like denominators, thirds to twelfths).	SMMA_LO_00460
		Fractions and Decimals Targeted Lesson 15: Adding Fractions with Like Denominators	
		Fractions and Decimals Targeted Lesson 16: Subtracting Fractions with Like Denominators	
		Fractions and Decimals Targeted Lesson 18: Adding Mixed Numbers with Like Denominators	
		Fractions and Decimals Targeted Lesson 19: Subtracting Mixed Numbers with Like Denominators	
MA.4.FR.2.3	Explore the addition of a fraction with denominator of 10 to a fraction with denominator of 100 using equivalent fractions.	Express a fraction with denominator 10 as an equivalent fraction with denominator 100. Then, add that fraction to another fraction with denominator 100.	SMMA_LO_02007

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
MA.4.FR.2.4	Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.	Model multiplication of a whole number by a fraction; complete an equation to show the product; interpret a real-world context that can be modeled by this equation.	SMMA_LO_02048
		Use fraction models to rewrite the product of a whole number and a fraction as the product of a whole number and a unit fraction. Then, find the product.	SMMA_LO_02006
		Multiply a whole number by a proper fraction; no simplifying.	SMMA_LO_00470
		Multiply a fraction and a whole number; simplify.	SMMA_LO_00477
		Use fraction models to relate a fraction to a whole number times a unit fraction. Then, write an equation for this relationship.	SMMA_LO_02005
		Using pictures, find a fractional amount of a whole number (product of halves to fourths and 2 to 16).	SMMA_LO_00428
		Multiply with fractions to calculate the weight in campers' backpacks.	SMMA_LO_02507
		Multiply a fraction and a whole number; simplify first.	SMMA_LO_00478
		Fractions and Decimals Targeted Lesson 21: Multiplying Fractions by Whole Numbers	
MA.4.AR	Algebraic Reasoning		
MA.4.AR.1	Represent and solve problems involving the four operations with whole numbers and fractions.	Model multiplication of a whole number by a fraction; complete an equation to show the product; interpret a real-world context that can be modeled by this equation.	SMMA_LO_02048
		Divide a whole number by a fraction; simplify if necessary.	SMMA_LO_01787
		Use models to solve real-world problems involving division of whole numbers by unit fractions.	SMMA_LO_02053
		Use fraction models to rewrite the product of a whole number and a fraction as the product of a whole number and a unit fraction. Then, find the product.	SMMA_LO_02006

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Multiply a whole number by a proper fraction; no simplifying.	SMMA_LO_00470
		Multiply a fraction and a whole number; simplify.	SMMA_LO_00477
		Use fraction models to relate a fraction to a whole number times a unit fraction. Then, write an equation for this relationship.	SMMA_LO_02005
		Use models to solve real-world problems involving division of unit fractions by nonzero whole numbers.	SMMA_LO_02156
		Multiply a fraction and a whole number; simplify first.	SMMA_LO_00478
		Divide a whole number by a fraction.	SMMA_LO_00492
		Model the division of a unit fraction by a nonzero whole number, and compute the quotient.	SMMA_LO_02052
		Divide a fraction by a whole number; simplify if necessary.	SMMA_LO_00489
		Add and subtract mixed numbers to help a botanist compare the growth rates of plants in an experiment.	SMMA_LO_02504
		Fractions and Decimals Targeted Lesson 21: Multiplying Fractions by Whole Numbers	
		Fractions and Decimals Targeted Lesson 23: Dividing Unit Fractions	
		Fractions and Decimals Targeted Lesson 24: Dividing by Unit Fractions	
MA.4.AR.1.2	Solve real-world problems involving addition and subtraction of fractions with like denominators, including mixed numbers and fractions greater than one.	Use a model and an equation to solve word problems involving the addition of fractions with like denominators.	SMMA_LO_02004
		Subtract mixed numbers; simplify if necessary (like denominators).	SMMA_LO_00485
		Add and subtract mixed numbers to help a botanist compare the growth rates of plants in an experiment.	SMMA_LO_02504

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Solve one-step equations (addition and subtraction, fractions).	SMMA_LO_01796
		Add mixed numbers with like denominators in context; simplify if necessary.	SMMA_LO_01624
		Determine the sale price of an item when the price is reduced by one-half, one-third, or one-fourth.	SMMA_LO_01285
		Solve a one-step equation (fractions, addition and subtraction).	SMMA_LO_01848
		Add mixed numbers; simplify if necessary (like denominators, halves to sixteenths).	SMMA_LO_00463
		Add mixed numbers within a context; simplify if necessary (like denominators).	SMMA_LO_00480
		Add mixed numbers; simplify if necessary (like denominators).	SMMA_LO_00484
		Subtract mixed numbers in context; simplify if necessary (like denominators).	SMMA_LO_00481
		Using models, add fractions, no simplifying (like denominators, thirds to eighths).	SMMA_LO_00441
		Add mixed numbers; no simplifying (like denominators, thirds to twelfths).	SMMA_LO_00460
		Use a model and an equation to solve word problems involving the subtraction of fractions with like denominators.	SMMA_LO_02016
		Add fractions with like denominators (no simplifying).	SMMA_LO_01709
		Subtract mixed numbers; no simplifying (like denominators, thirds to twelfths).	SMMA_LO_00461
		Solve a one-step equation (fractions, addition and subtraction).	SMMA_LO_01868
		Fractions and Decimals Targeted Lesson 15: Adding Fractions with Like Denominators	

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Fractions and Decimals Targeted Lesson 16: Subtracting Fractions with Like Denominators	
		Fractions and Decimals Targeted Lesson 18: Adding Mixed Numbers with Like Denominators	
		Fractions and Decimals Targeted Lesson 19: Subtracting Mixed Numbers with Like Denominators	
MA.4.AR.1.3	Solve real-world problems involving multiplication of a fraction by a whole number or a whole number by a fraction.	Model multiplication of a whole number by a fraction; complete an equation to show the product; interpret a real-world context that can be modeled by this equation.	SMMA_LO_02048
		Solve a two-step equation (fractions, multiplication).	SMMA_LO_01850
		Use fraction models to rewrite the product of a whole number and a fraction as the product of a whole number and a unit fraction. Then, find the product.	SMMA_LO_02006
		Multiply a whole number by a proper fraction; no simplifying.	SMMA_LO_00470
		Multiply a fraction and a whole number; simplify.	SMMA_LO_00477
		Determine the sale price of an item when the price is reduced by one-half, one-third, or one-fourth.	SMMA_LO_01285
		Use fraction models to relate a fraction to a whole number times a unit fraction. Then, write an equation for this relationship.	SMMA_LO_02005
		Use fraction models to relate a fraction to a whole number times a unit fraction. Then, write an equation for this relationship.	SMMA_LO_02005
		Multiply with fractions to calculate the weight in campers' backpacks.	SMMA_LO_02507
		Multiply a fraction and a whole number; simplify first.	SMMA_LO_00478

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Solve a one-step equation (fractions, multiplication and division).	SMMA_LO_01847
		Fractions and Decimals Targeted Lesson 21: Multiplying Fractions by Whole Numbers	
MA.4.AR.2	Demonstrate an understanding of equality and operations with whole numbers.		
MA.4.AR.2.1	Determine and explain whether an equation involving any of the four operations with whole numbers is true or false.	Determine if equations involving addition and subtraction are true or false.	SMMA_LO_02024
MA.4.AR.2.2	Given a mathematical or real-world context, write an equation involving multiplication or division to determine the unknown whole number with the unknown in any position.	Identify the expression that represents a division problem in context; then solve the problem (dividends 12 to 81).	SMMA_LO_01605
		Use a model to represents a word problem involving multiplicative comparison. Then, use an equation to represent the solution to the word problem.	SMMA_LO_02009
		Identify related multiplication and division number sentences that can be used to solve a problem.	SMMA_LO_01080
		Identify a number sentence that could be used to solve a multiplication problem.	SMMA_LO_01270
		Generate and solve an equation with variables on both sides of the equal sign in a real-world context.	SMMA_LO_02145
		Represent the product of 2 two-digit numbers using arrays, area models, or equations.	SMMA_LO_00884
		Translate a verbal statement of a multiplicative comparison into a multiplication equation.	SMMA_LO_02008
		Multiplication and Division Targeted Lesson 13: Multiplication and Division	
		Ratios and Equations Targeted Lesson 27: Writing and Solving Equations from Situations	

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
MA.4.AR.3	Recognize numerical patterns, including patterns that follow a given rule.	Identify the missing picture in a 1-2-3-1-2-3 pattern.	SMMA_LO_00607
		Look for a pattern to solve a problem.	SMMA_LO_01276
		Find the missing decimal number in a pattern (addition).	SMMA_LO_00253
		Identify the missing geometric figure in a 1-2-1-2 pattern.	SMMA_LO_00591
		Find the missing two-digit number in a sequence of odd or even numbers.	SMMA_LO_01002
		Match patterns of geometric figures.	SMMA_LO_00539
MA.4.AR.3.1	Determine factor pairs for a whole number from 0 to 144. Determine whether a whole number from 0 to 144 is prime, composite or neither.	Determine three factors of a given number.	SMMA_LO_01107
		Identify prime and composite numbers (one- or two-digit).	SMMA_LO_01105
		Identify the number that is divisible by a given factor (numbers 2 to 81, factors 2 to 9).	SMMA_LO_01066
		Find the factors of a number and determine if the number is prime or composite (3 to 30).	SMMA_LO_01073
		Identify sets of prime and composite numbers.	SMMA_LO_01119
		Identify the complete set of factors for a number (2 to 25).	SMMA_LO_01071
MA.4.AR.3.2	Generate, describe and extend a numerical pattern that follows a given rule.	Find the missing decimal number in a pattern (addition).	SMMA_LO_00253
		Generate a table of values given a rule.	SMMA_LO_01724
		Ratios and Equations Targeted Lesson 30: What's My Rule?	
MA.4.M	Measurement		
MA.4.M.1	Measure the length of objects and solve problems involving measurement.		
MA.4.M.1.1	Select and use appropriate tools to measure attributes of objects.	Select the appropriate ruler to measure vertical or horizontal lengths.	SMMA_LO_00812

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
MA.4.M.1.2	Convert within a single system of measurement using the units: yards, feet, inches; kilometers, meters, centimeters, millimeters; pounds, ounces; kilograms, grams; gallons, quarts, pints, cups; liter, milliliter; and hours, minutes, seconds.	Calculate the volume of a rectangular prism; then convert the cubic feet or cubic meters into gallons or liters.	SMMA_LO_01819
MA.4.M.2	Solve problems involving time and money.	Make a picture to solve a multiplication problem involving total cost (2 to 5 items, 5, 10, or 15 cents each).	SMMA_LO_01584
		Solve a problem in context that involves adding three amounts expressed as dollars and cents.	SMMA_LO_01608
		Make a picture to find the change received from a purchase (change back from $1.00).	SMMA_LO_01583
		Find the unit price of an item (products 2 x 6 to 25 x 32).	SMMA_LO_00830
		Find a percent of a money amount ($0.80 to $10.80).	SMMA_LO_00270
		Solve an addition problem involving money (sums 3 to 9 cents).	SMMA_LO_01543
		Find the change from one dollar for two to four items (each 10, 15, or 20 cents).	SMMA_LO_01609
		Solve a subtraction problem involving coins (two-digit numbers, no regrouping).	SMMA_LO_01579
		Solve a division problem about money with extra information (round quotient to the nearest whole number).	SMMA_LO_01585
		Identify the most reasonable answer to a multiplication problem involving money.	SMMA_LO_01278
		Determine the number of dollar bills needed to buy three to five items).	SMMA_LO_01623
		Estimate the total cost of four items by rounding to the nearest dollar (sums to $15.00).	SMMA_LO_01591

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Estimate the sum or difference in a money problem by rounding to the nearest 10 (two-digit sums and differences).	SMMA_LO_01580
		Identify the most reasonable answer to a division problem involving money.	SMMA_LO_01279
		Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Solve an addition problem by finding the total cost of two items (prices expressed as decimals, total < $0.50, no regrouping).	SMMA_LO_00181
		Determine the sale price of an item when the price is reduced by one-half, one-third, or one-fourth.	SMMA_LO_01285
		Solve a subtraction problem involving coins to find how much is left (two-digit numbers, no regrouping).	SMMA_LO_01561
		Subtract money amounts (sums less than $50.00, regrouping).	SMMA_LO_00214
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_00845
		Subtract money amounts (sums less than $17.00, regrouping).	SMMA_LO_00208
		Given the ending time and the elapsed time, find the starting time.	SMMA_LO_01613
		Solve a problem by identifying the time 1 to 2 hours after a given time (not crossing 12 o'clock).	SMMA_LO_01547
		Estimate the difference by rounding to the nearest dollar (minuends $5.00 to $20.00, subtrahends $3.00 to $15.00).	SMMA_LO_01669
MA.4.M.2.1	Solve two-step real-world problems involving distances and intervals of time using any combination of the four operations.	Solve time and distance problems (whole numbers).	SMMA_LO_00842
		Estimate the distance by rounding (d = rt).	SMMA_LO_01606

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Given a rate and a model, find a distance.	SMMA_LO_01575
		Given the ending time and the elapsed time, find the starting time.	SMMA_LO_01613
		Solve a problem by identifying the time 1 to 2 hours after a given time (not crossing 12 o'clock).	SMMA_LO_01547
MA.4.M.2.2	Solve one- and two-step addition and subtraction real-world problems involving money using decimal notation.	Solve a problem in context that involves adding three amounts expressed as dollars and cents.	SMMA_LO_01608
		Make a picture to solve a multiplication problem involving total cost (2 to 5 items, 5, 10, or 15 cents each).	SMMA_LO_01584
		Make a picture to find the change received from a purchase (change back from $1.00).	SMMA_LO_01583
		Find the unit price of an item (products 2 x 6 to 25 x 32).	SMMA_LO_00830
		Find a percent of a money amount ($0.80 to $10.80).	SMMA_LO_00270
		Solve an addition problem involving money (sums 3 to 9 cents).	SMMA_LO_01543
		Find the change from one dollar for two to four items (each 10, 15, or 20 cents).	SMMA_LO_01609
		Solve a subtraction problem involving coins (two-digit numbers, no regrouping).	SMMA_LO_01579
		Identify the most reasonable answer to a multiplication problem involving money.	SMMA_LO_01278
		Determine the number of dollar bills needed to buy three to five items).	SMMA_LO_01623
		Estimate the total cost of four items by rounding to the nearest dollar (sums to $15.00).	SMMA_LO_01591
		Estimate the sum or difference in a money problem by rounding to the nearest 10 (two-digit sums and differences).	SMMA_LO_01580

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Identify the most reasonable answer to a division problem involving money.	SMMA_LO_01279
		Find the total cost, given an amount and the sales tax percentage.	SMMA_LO_00178
		Solve an addition problem by finding the total cost of two items (prices expressed as decimals, total < $0.50, no regrouping).	SMMA_LO_00181
		Determine the sale price of an item when the price is reduced by one-half, one-third, or one-fourth.	SMMA_LO_01285
		Solve a subtraction problem involving coins to find how much is left (two-digit numbers, no regrouping).	SMMA_LO_01561
		Subtract money amounts (sums less than $50.00, regrouping).	SMMA_LO_00214
		Identify a correct expression to solve a problem about sales tax.	SMMA_LO_00845
		Subtract money amounts (sums less than $17.00, regrouping).	SMMA_LO_00208
		Estimate the difference by rounding to the nearest dollar (minuends $5.00 to $20.00, subtrahends $3.00 to $15.00).	SMMA_LO_01669
MA.4.GR	Geometric Reasoning		
MA.4.GR.1	Draw, classify and measure angles.	Measure an angle using the appropriate protractor.	SMMA_LO_00646
		Select the appropriate protractor to measure an angle.	SMMA_LO_00644
		Use a protractor to measure an angle.	SMMA_LO_00636
		Use a protractor to measure an angle.	SMMA_LO_00631
		Use a protractor to measure an angle in a triangle or quadrilateral; then find the sum of all the angles in the figure.	SMMA_LO_00650
		Determine the total one-degree angle measures of an angle.	SMMA_LO_02165

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
MA.4.GR.1.1	Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right, obtuse, straight or reflex.	Identify an angle as acute, right, or obtuse.	SMMA_LO_00628
		Determine whether an angle is larger than, smaller than, or the same size as a right angle.	SMMA_LO_00624
		Identify right, acute, and obtuse angles in polygons.	SMMA_LO_00630
MA.4.GR.1.2	Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in whole-number degrees. Demonstrate that angle measure is additive.	Measure an angle using the appropriate protractor.	SMMA_LO_00646
		Select the appropriate protractor to measure an angle.	SMMA_LO_00644
		Use a protractor to measure an angle.	SMMA_LO_00636
		Use a protractor to measure an angle.	SMMA_LO_00631
		Use a protractor to measure an angle in a triangle or quadrilateral; then find the sum of all the angles in the figure.	SMMA_LO_00650
		Determine the total one-degree angle measures of an angle.	SMMA_LO_02165
MA.4.GR.2	Solve problems involving the perimeter and area of rectangles.	Given the length of one side of a rectangle, measure another side, and then find the perimeter.	SMMA_LO_00788
		Find the area of a rectangle using a formula.	SMMA_LO_00810
		Find the area of a rectangle by tiling it; complete an equation to show that the area is the same as would be found by multiplying the side lengths.	SMMA_LO_02029
		Find the perimeter of a rectangle (24 to 48 customary or metric units).	SMMA_LO_00169
		Given the lengths of all sides, find the perimeter of a rectangle.	SMMA_LO_00821

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Multiply side lengths to find the area of a rectangle in a real-world context; use area to represent a whole-number product by arranging tiles in a rectangle.	SMMA_LO_02030
		Find the area of a rectangle (5 to 25 square centimeters).	SMMA_LO_00773
		Tile a rectangle to find its area; represent the area of the rectangle in two different ways (length times width and the sum of the areas of two smaller rectangles).	SMMA_LO_02031
		Find the area of a rectangle (36 to 144 customary or metric square units).	SMMA_LO_00173
		Multiplication and Division Targeted Lesson 23: Counting and Calculating the Area of Rectangles	
		Multiplication and Division Targeted Lesson 24: Matching Areas of Rectangles	
		Multiplication and Division Targeted Lesson 25: Using Addition and Multiplication to Find the Area of Rectangles	
MA.4.GR.2.1	Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.	Find the area of a rectangle by tiling it; complete an equation to show that the area is the same as would be found by multiplying the side lengths.	SMMA_LO_02029
		Find the perimeter of a rectangle (24 to 48 customary or metric units).	SMMA_LO_00169
		Multiply side lengths to find the area of a rectangle in a real-world context; use area to represent a whole-number product by arranging tiles in a rectangle.	SMMA_LO_02030
		Tile a rectangle to find its area; represent the area of the rectangle in two different ways (length times width and the sum of the areas of two smaller rectangles).	SMMA_LO_02031

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Multiplication and Division Targeted Lesson 23: Counting and Calculating the Area of Rectangles	
MA.4.GR.2.2	Solve problems involving rectangles with the same perimeter and different areas or with the same area and different perimeters.	Identify rectangles that have equal areas, but different dimensions.	SMMA_LO_00823
		Identify examples of relationships between area and perimeter.	SMMA_LO_00850
		Multiplication and Division Targeted Lesson 27: Relating Area and Perimeter	
MA.4.DP	Data Analysis and Probability		
MA.4.DP.1	Collect, represent and interpret data and find the mode, median and range of a data set.	Determine the mode of a data set.	SMMA_LO_01719
		Read and interpret a line plot.	SMMA_LO_01764
		Create a table from a vertical bar graph.	SMMA_LO_01132
		Identify data sets that match the data represented in a given box-and-whiskers plot.	SMMA_LO_01202
		Identify two numbers within a range (1 to 9), number line in feedback.	SMMA_LO_00963
		Determine the average (mean), median, mode, and range.	SMMA_LO_01210
		Read and interpret data in a table to determine the wind chill temperature.	SMMA_LO_01314
		Identify the median of a data set with an even number of items and the two middle values are not equal.	SMMA_LO_01170
		Read and interpret a line graph.	SMMA_LO_01206
		Determine the median of a data set.	SMMA_LO_01726
		Determine the range of a set of data represented in a line graph.	SMMA_LO_01176
		Given a chart of tree growth, infer which of two years there was more rainfall.	SMMA_LO_01305

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Read and interpret data in a table to determine the time it would take for skin to freeze.	SMMA_LO_01315
		Determine the number of calories in multiple servings given data in a chart.	SMMA_LO_01333
		Determine the range of a set of data.	SMMA_LO_01766
		Predict the effect of changing temperatures on the weather.	SMMA_LO_01312
		Determine the median of a set of data.	SMMA_LO_01768
		Identify box-and whiskers plot that matches a given set of data.	SMMA_LO_01201
		Identify all the towns with temperatures below 32 degrees Fahrenheit on a weather map.	SMMA_LO_01311
		Find the range of a set of data.	SMMA_LO_01166
		Identify the value that is greater than one number and less than another in context.	SMMA_LO_01554
		Identify the most frequent value (mode) using a line plot.	SMMA_LO_01164
		Identify the median of a data set with an even number of items and the two middle values are equal.	SMMA_LO_01169
		Read and interpret data from a circle graph labeled with percents.	SMMA_LO_01208
		Read and interpret a table.	SMMA_LO_01695
		Determine the mode of a set of data.	SMMA_LO_01765
		Complete and interpret a pictograph.	SMMA_LO_01207
		Read and interpret a table about temperature.	SMMA_LO_01646
		Identify the median of a data set with an odd number of items.	SMMA_LO_01168
		Find two numbers within a range (two-digit).	SMMA_LO_00998
		Graph and interpret rainfall data in a chart.	SMMA_LO_01328
		Complete and interpret a pictograph.	SMMA_LO_01207
		Determine the range, mean, or median of a data set in context.	SMMA_LO_02175

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Determine minimum, maximum, range, median, and IQR in a box plot.	SMMA_LO_02219
MA.4.DP.1.1	Collect and represent numerical data, including fractional values, using tables, stem-and-leaf plots or line plots.	Read and interpret a line plot.	SMMA_LO_01764
		Choose a title for a line plot and label the units.	SMMA_LO_01643
		Analyze a line plot to find the total number of items that fall at, above, or below a given value.	SMMA_LO_01156
		Measure the amount of rainfall for the week; then complete the chart and determine the total amount of rainfall for the month.	SMMA_LO_01327
		Identify the most frequent value (mode) using a line plot.	SMMA_LO_01164
		Make a line plot to show measurement data in fractions of a unit.	SMMA_LO_02196
		Make a line plot to show measurement data in whole number units.	SMMA_LO_02158
		Solve problems using fractional units of measurement data displayed in line plots.	SMMA_LO_02198
MA.4.DP.1.2	Determine the mode, median or range to interpret numerical data including fractional values, represented with tables, stem-and-leaf plots or line plots.	Determine a student's grade point average based on five grades.	SMMA_LO_00179
		Determine the mode of a data set.	SMMA_LO_01719
		Determine the average (mean), median, mode, and range.	SMMA_LO_01210
		Identify the median of a data set with an even number of items and the two middle values are not equal.	SMMA_LO_01170
		Find the average (mean) of 3 numbers.	SMMA_LO_00151
		Solve a problem in context by finding the average (mean) of three to seven numbers.	SMMA_LO_01619
		Determine the mean of a data set.	SMMA_LO_01727

Florida B.E.S.T. Standards' Code	Florida B.E.S.T. Standards for Mathematics Grade 4	SuccessMaker Item Descriptions	Item IDs
		Determine the median of a data set.	SMMA_LO_01726
		Determine the range of a set of data represented in a line graph.	SMMA_LO_01176
		Determine the range of a set of data.	SMMA_LO_01766
		Determine the median of a set of data.	SMMA_LO_01768
		Find the range of a set of data.	SMMA_LO_01166
		Identify the most frequent value (mode) using a line plot.	SMMA_LO_01164
		Identify the median of a data set with an even number of items and the two middle values are equal.	SMMA_LO_01169
		Determine the average (mean) of a data set of three to five customary weights or metric masses.	SMMA_LO_00836
		Determine the mode of a set of data.	SMMA_LO_01765
		Identify the median of a data set with an odd number of items.	SMMA_LO_01168
		Find the five values (upper and lower extremes, median, and upper and lower quartiles) from a set of data that are needed to create a box-and-whiskers plot.	SMMA_LO_01199
		Determine minimum, maximum, range, median, and IQR in a box plot.	SMMA_LO_02219
		Determine the mean, median, MAD, or IQR of a data set.	SMMA_LO_02173
		Find two numbers within a range (two-digit).	SMMA_LO_00998
MA.4.DP.1.3	Solve real-world problems involving numerical data.	Read and interpret a horizontal pictograph with a scale of 2 (five items).	SMMA_LO_00140
		Identify a vertical bar graph that represents data in a table.	SMMA_LO_01134
		Read and interpret a pictograph with a scale of 2, 5 or 10.	SMMA_LO_01158
		Identify the two-column vertical bar graph that shows one category has fewer than, the same number as, or more than the other category.	SMMA_LO_01133