Standards Correlation:
Symphony Math® and Florida's B.E.S.T Standards Mathematics

Florida B.E.S.T. Standards		Symphony Math	
Standard	**Description**	**Stage References**	**Concepts**
MA.K.NSO.1.1	Given a group of up to 20 objects, count the number of objects in that group and represent the number of objects with a written numeral. State the number of objects in a rearrangement of that group without recounting.	1.2	Identifying Numbers (connection between models and numbers pervasive throughout curriculum)
MA.K.NSO.1.2	Given a number from 0 to 20, count out that many objects.	1.2, 4.1	Identifying Numbers, Ten as a Unit
MA.K.NSO.1.3	Identify positions of objects within a sequence using the words "first," "second," "third," "fourth" or "fifth."	1.1, 1.2	Sequencing, Identifying Numbers
MA.K.NSO.1.4	Compare the number of objects from 0 to 20 in two groups using the terms less than, equal to or greater than.	2.1-2.5	Find 'One More', Find 'One Less', Find 'More', Find 'Less', Same
MA.K.NSO.2.1	Recite the number names to 100 by ones and by tens. Starting at a given number, count forward within 100 and backward within 20.	4.1-4.4	Ten as a Unit, Making 10, 10 Plus, Subtraction with 10
MA.K.NSO.2.2	Represent whole numbers from 10 to 20, using a unit of ten and a group of ones, with objects, drawings and expressions or equations.	4.1-4.4	Ten as a Unit, Making 10, 10 Plus, Subtraction with 10
MA.K.NSO.2.3	Locate, order and compare numbers from 0 to 20 using the number line and terms less than, equal to or greater than	2.1-2.5, 5.1-5.3	Find 'One More', Find 'One Less', Find 'More', Find 'Less', Same, Equals, Greater Than, Less Than
MA.K.NSO.3.1	Explore addition of two whole numbers from 0 to 10, and related subtraction facts.	3.1-3.7, 4.1-4.4	Addition & Subtraction to sums of 5, Ten as a Unit, Making 10

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MA.K.NSO.3.2	Add two one-digit whole numbers with sums from 0 to 10 and subtract using related facts with procedural reliability	3.1-3.7, 4.1-4.4	Addition & Subtraction to sums of 5, Ten as a Unit, Making 10
MA.K.AR.1.1	For any number from 1 to 9, find the number that makes 10 when added to the given number.	4.1, 4.2	Introducing 10, Making 10
MA.K.AR.1.2	Given a number from 0 to 10, find the different ways it can be represented as the sum of two numbers.	3.1-3.7, 4.1-4.4	Addition & Subtraction to sums of 5, Ten as a Unit, Making 10 with models, numbers, auditory, and written expressions.
MA.K.AR.1.3	Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.	3.1-3.7, 4.1-4.4	Addition & Subtraction to sums of 5, Ten as a Unit, Making 10 with models, numbers, auditory, and written expressions.
MA.K.AR.2.1	Explain why addition or subtraction equations are true using objects or drawings.	3.1-3.7, 4.1-4.4	Addition & Subtraction to sums of 5, Ten as a Unit, Making 10 with models, numbers, auditory, and written expressions.
MA.K.M.1.2	Directly compare two objects that have an attribute which can be measured in common. Express the comparison using language to describe the difference.	2.1-2.5	Find 'More', Find 'Taller', Find 'Shorter, etc.
MA.K.M.1.3	Express the length of an object, up to 20 units long, as a whole number of lengths by laying non-standard objects end to end with no gaps or overlaps.	1.1-3.1-3.4, 4.1, 4.3, 6.1-6.4	Bar Comparison model used throughout curriculum as method of evaluating length
MA.1.NSO.1.1	Starting at a given number, count forward and backwards within 120 by ones. Skip count by 2s to 20 and by 5s to 100.	7.1-7.5, 11.1	Working with tens, adding and subtracting tens, identifying multi-digit numbers, skip-counting
MA.1.NSO.1.2	Read numbers from 0 to 100 written in standard form, expanded form and word form. Write numbers from 0 to 100 using standard form and expanded form.	7.7, 8.1, 8.2, 8.8	Combinations of 100, with models, symbols, and written amounts
MA.1.NSO.1.3	Compose and decompose two-digit numbers in multiple ways using tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations.	4.1, 4.3, 7.1-7.3, 8.1-8.4	Introducing 10, Ten Plus, Identifying 10s, Making 10s, Count Forward and Backward by 10s, Place Value Addition: Missing Result and Missing Part; Place Value Subtraction: Missing Result and Missing Change

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MA.1.NSO.1.4	Plot, order and compare whole numbers up to 100.	5.2, 5.3, 7.9	Greater Than, Less Than, Comparing 10s
MA.1.NSO.2.1	Recall addition facts with sums to 10 and related subtraction facts with automaticity.	MR levels 1-4	Fact fluency to10, addition, subtraction, missing wholes and parts
MA.1.NSO.2.2	Add two whole numbers with sums from 0 to 20, and subtract using related facts with procedural reliability.	6.1-6.5	Addition & Subtraction to 20
MA.1.NSO.2.3	Identify the number that is one more, one less, ten more and ten less than a given two-digit number.	5.2, 5.3, 7.9	Greater Than, Less Than, Comparing 10s
MA.1.NSO.2.4	Explore the addition of a two-digit number and a one-digit number with sums to 100.	7.8, 8.1-8.2	Add/Subtract Teens and Ones, Place Value Addition Missing Result and Missing Change
MA.1.NSO.2.5	Explore subtraction of a one-digit number from a two-digit number.	7.8, 8.3-8.4	Add/Subtract Teens and Ones, Place Value Subtraction Missing Result and Missing Change
MA.1.FR.1.1	Partition circles and rectangles into two and four equal-sized parts. Name the parts of the whole using appropriate language including halves or fourths.	14.1	Dividing a Whole
MA.1.AR.1.1	Apply properties of addition to find a sum of three or more whole numbers.	6.6	Three-part Addition and Subtraction
MA.1.AR.1.2	Solve addition and subtraction real-world problems using objects, drawings or equations to represent the problem.	3.1-3.4, 4.3, 6.1-6.4	Word and story problems use language, models extensively
MA.1.AR.2.1	Restate a subtraction problem as a missing addend problem using the relationship between addition and subtraction.	3.4, 6.4	Beginning Subtraction: Missing Change, Advanced Subtraction: Missing Change
MA.1.AR.2.3	Determine the unknown whole number in an addition or subtraction equation, relating three whole numbers, with the unknown in any position.	3.2, 3.4, 6.2, 6.4	Missing part addition and subtraction with sums to 20; Equal sign on left and right
MA.2.NSO.1.1	Read and write numbers from 0 to 1,000 using standard form, expanded form and word form.	7.1-7.9, 9.1-9.7	Identifying, Ordering, Operations with numbers up to 1,000
MA.2.NSO.1.2	Compose and decompose three-digit numbers in multiple ways using hundreds, tens and ones. Demonstrate each composition or decomposition with objects, drawings and expressions or equations	10.1-10.4, 12.6-12.7	Place Value Addition & Subtraction: Missing Result and Missing Change; Regrouping with 3-digit Numbers to 1000: Addition and Subtraction

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MA.2.NSO.1.3	Plot, order and compare whole numbers up to 1,000	10.8	Comparing 3-digit Numbers
MA.2.NSO.2.1	Recall addition facts with sums to 20 and related subtraction facts with automaticity.	MR levels 5-6	Add & Subtract Fluency to 20 - Missing Sums and Missing Parts
MA.2.NSO.2.2	Identify the number that is ten more, ten less, one hundred more and one hundred less than a given three-digit number.	7.4,7.5,9.4,9.5	Find '10 More', Find '10 Less',Find '100 More', Find '100 Less',
MA.2.NSO.2.3	Add two whole numbers with sums up to 100 with procedural reliability. Subtract a whole number from a whole number, each no larger than 100, with procedural reliability.	8.1-8.8	Place Value Addition: Missing Result and Missing Part; Place Value Subtraction: Missing Result and Missing Change
MA.2.NSO.2.4	Explore the addition of two whole numbers with sums up to 1,000. Explore the subtraction of a whole number from a whole number, each no larger than 1,000.	10.1-10.4, 12.6-12.7	Place Value Addition & Subtraction: Missing Result and Missing Change; Regrouping with 3-digit Numbers to 1000: Addition and Subtraction
MA.2.FR.1.1	Partition circles and rectangles into two, three or four equal-sized parts. Name the parts using appropriate language, and describe the whole as two halves, three thirds or four fourths.	14.1, 14.4	Dividing a Whole, Whole Numbers as Fractions
MA.2.FR.1.2	Partition rectangles into two, three or four equal-sized parts in two different ways showing that equal-sized parts of the same whole may have different shapes.	14.1-14.6	Introduction to Fractions, including consistent use of models (rectangles) in two different sizes
MA.2.AR.1.1	Solve one- and two-step addition and subtraction real-world problems.	Stages 6, 7, 8, 9, 10, 12	Math Journaling prompts at end of Stages promote student transfer of skills to real-world examples
MA.2.AR.2.2	Determine the unknown whole number in an addition or subtraction equation, relating three or four whole numbers, with the unknown in any position.	8.5, 10.5	Part to Whole with 1s, 10s, and 100s
MA.2.AR.3.2	Use repeated addition to find the total number of objects in a collection of equal groups. Represent the total number of objects using rectangular arrays and equations.	11.2, 11.3	Adding 2s, 3s, and 4s; Equal Groupings

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MA.2.M.1.3	Solve one- and two-step real-world measurement problems involving addition and subtraction of lengths given in the same units.	Stages 6, 7, 8, 9, 10, 12	Math Journaling prompts at end of Stages promote student transfer of skills to real-world examples
MA.3.NSO.1.2	Compose and decompose four-digit numbers in multiple ways using thousands, hundreds, tens and ones. Demonstrate each composition or decomposition using objects, drawings and expressions or equations.	10.1-10.7	Add & Subtract with 100s, with models throughout, auditory prompts, language, story problems
MA.3.NSO.2.1	Add and subtract multi-digit whole numbers including using a standard algorithm with procedural fluency.	21.1-21.8	Standard Algorithm: Addition and Subtraction
MA.3.NSO.2.2	Explore multiplication of two whole numbers with products from 0 to 144, and related division facts.	15.1-15.8	Multiply and divide to 100, with missing groups, dividends, divisors. Commutative and Distributive Properties.
MA.3.NSO.2.3	Multiply a one-digit whole number by a multiple of 10, up to 90, or a multiple of 100, up to 900, with procedural reliability.	16.1-16.5	Multiply and Divide with 1, 10, and 100
MA.3.NSO.2.4	Multiply two whole numbers from 0 to 12 and divide using related facts with procedural reliability.	15.8, MR Levels 9-10	Multiplication to 100: Distributive Property. Multiply and Divide to 100 with fluency
MA.3.FR.1.1	Represent and interpret unit fractions in the form $1/n$ as the quantity formed by one part when a whole is partitioned into n equal parts.	14.2	Creating Unit Fractions
MA.3.FR.1.2	Represent and interpret fractions, including fractions greater than one, in the form of m/n as the result of adding the unit fraction $1/n$ to itself m times.	14.2-14.4, 17.3-17.4, 18.1-18.2	Creating Unit Fractions, Creating Non-Unit Fractions, Whole Numbers as Fractions, Addition with Unit Fractions, Addition with Non-Unit Fractions
MA.3.FR.1.3	Read and write fractions, including fractions greater than one, using standard form, numeral-word form and word form.	14.1-14.6	Dividing a Whole, Creating Unit, Non-Unit Fractions, and Whole Numbers as Fractions - models, symbols, written descriptions used throughout
MA.3.FR.2.1	Plot, order and compare fractional numbers with the same numerator or the same denominator.	14.5, 14.6	Comparing Fractions, Equivalent Fractions

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MA.3.FR.2.2	Identify equivalent fractions and explain why they are equivalent.	14.6	Equivalent Fractions (with models). End of Stage journal prompt poses questions and real-world application of fractions.
MA.3.AR.1.1	Apply the distributive property to multiply a one-digit number and two-digit number. Apply properties of multiplication to find a product of one-digit whole numbers.	15.7	Multiplication to 100: Distributive Property
MA.3.AR.1.2	Solve one- and two-step real-world problems involving any of four operations with whole numbers.	Stages 10, 12, 13, 15, 16	Math Journaling prompts at end of Stages promote student transfer of skills to real-world examples
MA.3.AR.2.1	Restate a division problem as a missing factor problem using the relationship between multiplication and division.	13.5-13.6, 15.5-6	Division, Missing Dividend, Missing Divisor
MA.3.AR.2.3	Determine the unknown whole number in a multiplication or division equation, relating three whole numbers, with the unknown in any position.	13.2-13.3, 15.2-15.3, 13.5-13.6, 15.5-15.6	Multiplication, Unknown Product, Unknown Number of Groups, Unknown Size of Group; Division, Missing Dividend, Missing Divisor
MA.3.GR.2.1	Explore area as an attribute of a two-dimensional figure by covering the figure with unit squares without gaps or overlaps. Find areas of rectangles by counting unit squares	13.1-13.6	Multiplication and Division using the Area Model with Grids - Construction and Interpretation using language such as "area","length","width"
MA.3.GR.2.2	Find the area of a rectangle with whole-number side lengths using a visual model and a multiplication formula.	13.1-13.6, 15.1-15.6	Multiplication and Division to 100, using the Area Model with Grids
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.	16.1-16.5	Multiplication and Division with 1, 10, and 100, including 1digit x multiples of 10
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.	16.1-16.5, 22.2-22.8	Expanded Form, Multiplication and Division (with remainders), using Area Models.
MA.4.NSO.1.5	Plot, order and compare decimals up to the hundredths.	24.1-24.6, 25.1-25.5	Magnitude and Place Value, Decimals to Thousandths, Comparing Decimals
MA.4.NSO.2.1	Recall multiplication facts with factors up to 12 and related division facts with automaticity.	MR Levels 9-10	Multiply and Divide to 100 with fluency

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MA.4.NSO.2.2	Multiply two whole numbers, up to three digits by up to two digits, with procedural reliability	22.1-22.5	Expanded Mode Multiplication and Division
MA.4.NSO.2.3	Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency.	MR Level 11	Multiply & Divide with Place Value (Timed Fluency)
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.	22.1-22.5	Expanded Mode Multiplication and Division
MA.4.NSO.2.6	Identify the number that is one-tenth more, one-tenth less, one-hundredth more and one-hundredth less than a given number.	19.1-19.5	Sequencing and Identifying Decimals, Equivalence with 10ths and 100ths, Addition with 10ths and Hundredths, Decimal Notation for 10ths and 100ths
MA.4.NSO.2.7	Explore the addition and subtraction of multi-digit numbers with decimals to the hundredths.	25.2-25.3	Add and Subtract Decimals, Decimal Comparison
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.	19.3	Equivalence with 10ths and 100ths
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.	19.2, 19.5	Identifying Decimals, Decimal Notation for 10ths and 100ths
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.	17.1, 17.2	Equivalent Fractions, Comparing 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.	20.1-20.2	Composing Fractions >1, Mixed Numbers
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.	20.3-20.4	Decomposing Fractions >1, Mixed Numbers. Models used throughout
MA.4.FR.2.2	Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability	18.1-18.4, 20.3-20.4	Adding and Subtracting Non-Unit Fractions, Fractions >1, Mixed Numbers

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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.	19.4	Addition with 10ths and 100ths
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.	23.1-23.3	Multiplying Fractions and Whole Numbers
MA.4.AR.1.1	Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.	22.2, 22.4	Division with Remainders, Division Missing Factor and Divisor; Journaling Prompts at end of Stage encourage real-world transfer
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.	Stage 17, 18, 20	Math Journaling prompts at end of Stages promote student transfer of skills to real-world examples
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.	Stage 23	Math Journaling prompts at end of Stage promote student transfer of skills to real-world examples
MA.5.NSO.1.1	Express how the value of a digit in a multi-digit number with decimals to the thousandths changes if the digit moves one or more places to the left or right.	24.1-24.3	Multiply by 10, 100, 1000, 1/10, 1/00; Divide by 10, 100
MA.5.NSO.1.2	Read and write multi-digit numbers with decimals to the thousandths using standard form, word form and expanded form.	25.1-25.2	Decimal Notation, Add and Subtract Decimals
MA.5.NSO.1.3	Compose and decompose multi-digit numbers with decimals to the thousandths in multiple ways using the values of the digits in each place. Demonstrate the compositions or decompositions using objects, drawings and expressions or equations.	25.1-25.3	Decimal Notation, Add and Subtract Decimals, Decimal Comparison, using visual models, language, and journaling prompts.
MA.5.NSO.1.4	Plot, order and compare multi-digit numbers with decimals up to the thousandths.	25.3	Decimal Comparison
MA.5.NSO.2.1	Multiply multi-digit whole numbers including using a standard algorithm with procedural fluency	22.1-22.5	Expanded Mode Multiplication and Division
MA.5.NSO.2.3	Add and subtract multi-digit numbers with decimals to the thousandths, including using a standard algorithm with procedural fluency	25.2	Add and Subtract Decimals

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MA.5.NSO.2.5	Multiply and divide a multi-digit number with decimals to the tenths by one tenth and one-hundredth with procedural reliability.	26.1-26.4	Expanded Mode Multiplication and Division with Decimals
MA.5.GR.2.1	Find the perimeter and area of a rectangle with fractional or decimal side lengths using visual models and formulas.	26.1-26.4	Expanded Mode Multiplication and Division with Decimals, using area model