Symphony Math® Correlation

Mississippi Mathematics Framework

Mississippi Mathematics Framework				Symphony Math		
Grade	Strand	#	Objective	Module	Activity	Levels
K	Number & Operations	1.b	Create models of sets of objects 0 to 20. (DOK 1)	Quantity	Manipulatives	1
K	Number & Operations	1.c	Recognize and write numbers to represent quantities 0 to 20. (DOK 1)	Quantity	Manipulatives & Symbols	1
K	Number & Operations	1.d	Compose and decompose two-digit numbers (up to 20) with representations in words and physical models. (DOK 2)	Place Value Place Value	Manipulatives Auditory Statements	13,14 13,14
K	Number & Operations	1.f	Develop multiple representations for addition (combining of sets) and subtraction (take-away, missing addend, comparison). (DOK 2)	Addition & Subtraction	All	1
K	Number & Operations	1.g	Apply mathematical language by telling when a certain number is “too many,” “not enough,” “just right,” “more than,” “less than,” or “equal to” for a given situation. (DOK 1)	Quantity	Manipulatives	1-5
K	Measurement	4.d	Determine attributes of objects that can be compared, such as length, area, mass or volume/capacity. (DOK 1)	Quantity Addition & Subtraction Place Value	Manipulatives Manipulatives Manipulatives	1 1 9
1	Number & Operations	1.a	Recognize and write numbers 0 to 100. (DOK 1)	Place Value	Manipulatives & Symbols Auditory Statements	1-8 13-14
1	Number & Operations	1.b	Compose and decompose two-digit numbers with representations in words and physical models. (DOK 2)	Place Value	Manipulatives Auditory Statements	13-14

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1	Number & Operations	1.c	Explain how to compare and order two-digit numbers using the terms “more,” “less,” “greater than,” “less than,” “equal to,” and “almost,” and the symbols >, <, and =. (DOK 1)	Place Value	Symbols	15
1	Number & Operations	1.a	Recognize and write numbers 0 to 100. (DOK 1)	Place Value	Manipulatives & Symbols Auditory Statements	1-8 13-14
1	Number & Operations	1.b	Compose and decompose two-digit numbers with representations in words and physical models. (DOK 2)	Place Value	Manipulatives Auditory Statements	13-14
1	Number & Operations	1.c	Explain how to compare and order two-digit numbers using the terms “more,” “less,” “greater than,” “less than,” “equal to,” and “almost,” and the symbols >, <, and =. (DOK 1)	Place Value	Symbols	15
1	Number & Operations	1.d	Use multiple representations for addition (combining of sets) and subtraction (take–away, missing addend, comparison) to solve problems. (DOK 1)	Addition & Subtraction	All	1-14
1	Number & Operations	1.e	Find the sums of 3 single-digit addends (for example: 3 + 6 + 2 =11). (DOK 1)	Addition & Subtraction	Symbols	15, 16
1	Number & Operations	1.f	Justify addition and subtraction of two-digit whole numbers without regrouping. (DOK 2)	Multi-Digit Addition & Subtraction	Symbols	9
1	Algebra	2.c	Model situations and solve equations that require addition and subtraction of whole numbers; use objects, pictures, and symbols. (DOK 2)	Addition & Subtraction	All	1-19
1	Algebra	2.d	Count by different units when given a group of objects using 1’s, 2’s, 5’s, and 10’s. (DOK 1)	Multiplication & Division	Manipulatives	18
2	Number & Operations	1.a	Recall addition and subtraction facts. (DOK 1)	Addition & Subtraction	Symbols	1-19

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Grade	Strand	#	Objective	Module	Activity	Levels
2	Number & Operations	1.b	Justify addition and subtraction of two- and three-digit whole numbers with and without regrouping. (DOK 2)	Multi-Digit Addition & Subtraction	Manipulatives & Symbols	1-24
2	Number & Operations	1.c	Compose and decompose three-digit numbers with representations in words and physical models. (DOK 2)	Place Value	Manipulatives Auditory Statements	16-17
2	Number & Operations	1.e	Compare and order three-digit numbers using the symbols <, >, and =, and justify reasoning. (DOK 1)	Place Value	Symbols	18
2	Algebra	2.c	Model situations and solve equations that involve the addition and subtraction of whole numbers. (DOK 2)	Addition & Subtraction	Story Problems	1-19
2	Algebra	2.d	Analyze and generalize the inverse relationships between addition and subtraction. (DOK 2)	Addition & Subtraction	Symbols	4,9,14
3	Number & Operations	1.a	Compose and decompose four-digit whole numbers with representations in words, physical models, and expanded and standard forms. (DOK 1)	Place Value	Manipulatives Auditory Statements	16,17
3	Number & Operations	1.e	Add (up to three addends) and subtract four-digit whole numbers with and without regrouping. (DOK 1)	Multi-Digit Addition & Subtraction	Symbols	1-24
3	Number & Operations	1.f	Model multiplication using arrays, equal-sized groups, area models, and equal-sized moves on the number line. (DOK 2)	Multipli-cation & Division	Manipulatives	1-3, 8-10
3	Number & Operations	1.g	Model division with successive or repeated subtraction, partitioning, and sharing. (DOK 2)	Multipli-cation & Division	Manipulatives	4-7, 11-14
3	Algebra	2.b	Determine the value of missing quantities or variables within equations or number sentences, and justify the process used. (DOK 2)	All	Symbols	All
3	Algebra	2.d	Model and identify the inverse relationships of addition/ subtraction. (DOK 2)	Addition & Subtraction	Symbols	4,9,14
3	Algebra	2.e	Create models for the concept of equality, recognizing that the equal sign (=) denotes equivalent terms such that 4 + 3 = 7, 4 + 3 = 6 + 1 or 7 = 5 + 2. (DOK 1)	Addition & Subtraction	Symbols	17