



Symphony Math[®] Correlation

California Mathematics Content Standards

California Mathematics Content Standards				Symphony Math		
Grade	Strand	#	Standard	Module	Activity	Levels
K	Number Sense	1.1	Compare two or more sets of objects (up to 10 objects in each group) and identify which set is equal to, more than, or less than the other.	Quantity	Manipulatives	1,2,3
K	Number Sense	1.2	Count, recognize, represent, name, and order a number of objects (up to 30).	Place Value	Manipulatives	1-4
K	Number Sense	1.3	Know that the larger numbers describe sets with more objects in them than the smaller numbers have.	Quantity	Symbols	1-4
K	Number Sense	2.1	Use concrete objects to determine the answers to addition and subtraction problems (for two numbers that are each less than 10).	Addition & Subtraction	Manipulatives	1
K	Mathematical Reasoning	1.1	Determine the approach, materials, and strategies to be used.	Quantity	Manipulatives	1-5
K	Mathematical Reasoning	1.1	Compare the length, weight, and capacity of objects by making direct comparisons with reference objects (e.g., note which objects is shorter, longer, taller, lighter, heavier, or holds more).	Quantity	Manipulatives	1-5
K	Mathematical Reasoning	1.2	Use tools and strategies such as manipulatives or sketches, to model problems.	Quantity	Manipulatives & Symbols	1-5
K	Mathematical Reasoning	2.1	Explain the reasoning used with concrete objects and/or pictorial representations.	Quantity	Manipulatives & Symbols	1-5
K	Mathematical Reasoning	2.2	Make precise calculations and check the validity of the results in the context of the problem.	Quantity	World Problems	1-5
1	Number Sense	1.1	Count, read, and write whole numbers to 100.	Place Value	Symbols	1-8
1	Number Sense	1.2	Compare and order whole numbers to 100 by using the symbols for less than, equal to, or greater than, (<, =, >).	Place Value	Symbols	4,16

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Grade	Strand	#	Standard	Module	Activity	Levels
1	Number Sense	1.3	Represent equivalent forms of the same number through the use of physical models, diagrams, and number expressions (to 20).	Addition & Subtraction	Manipulatives & Symbols	1-18
1	Number Sense	1.4	Count and group objects in ones and tens.	Place Value	Manipulatives	14
1	Number Sense	2.1	Know the addition facts (sums to 20) and the corresponding subtraction facts and commit them to memory.	Addition & Subtraction	Symbols	1,3,5,6,11,12
1	Number Sense	2.2	Use the inverse relationship between addition and subtraction to solve problems.	Addition & Subtraction	Symbols	4,9,14
1	Number Sense	2.5	Show the meaning of addition (putting together, increasing) and subtraction (taking away, comparing, finding the difference).	Addition & Subtraction	Manipulatives & Symbols	1-8
1	Number Sense	2.6	Solve addition and subtraction problems with one- and two-digit numbers (e.g., $5 + 58 = \underline{\quad}$).	Multi-Digit Addition & Subtraction	Symbols	1-16
1	Number Sense	2.7	Find the sum of three one-digit numbers.	Addition & Subtraction	Symbols	15
1	Algebra & Functions	1.1	Write and solve number sentences from problem situations that express relationships involving addition and subtraction.	Addition & Subtraction	Word Problems	1-18
1	Algebra & Functions	1.2	Understand the meaning of the symbols +, -, =.	Addition & Subtraction	Manipulatives & Symbols	1-8
1	Mathematical Reasoning	1.1	Determine the approach, materials, and strategies to be used.	Addition & Subtraction	Manipulatives	1-19
1	Mathematical Reasoning	1.2	Use tools, such as manipulatives or sketches, to model problems	Addition & Subtraction	Manipulatives & Symbols	1-18
1	Mathematical Reasoning	2.2	Make precise calculations and check the validity of the results from the context of the problem.	Addition & Subtraction	Word Problems	1-18
1	Mathematical Reasoning	3.0	Students note connections between one problem and another.	Addition & Subtraction	Symbols	4,9,14

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Grade	Strand	#	Standard	Module	Activity	Levels
2	Number Sense	1.1	Count, read, and write whole numbers to 1,000 and identify the place value for each digit.	Place Value	Symbols	1-18
2	Number Sense	1.2	Use words, models, and expanded forms to represent numbers (to 1,000).	Place Value	Manipulatives & Symbols	1-18
2	Number Sense	1.3	Order and compare whole numbers to 1,000 by using the symbols $<$, $=$, $>$.	Place Value	Symbols	18
2	Number Sense	2.1	Understand and use the inverse relationship between addition and subtraction (e.g., an opposite number sentence for $8 + 6 = 14$ is $14 - 6 = 8$) to solve problems and check solutions.	Addition & Subtraction	Symbols	4,9,14
2	Number Sense	2.2	Find the sum or difference of two whole numbers up to three digits long.	Multi-Digit Addition & Subtraction	Symbols	17-24
2	Number Sense	2.3	Use mental arithmetic to find the sum or difference of two two digit numbers.	Multi-Digit Addition & Subtraction	Symbols	9-16
2	Number Sense	3.1	Use repeated addition, arrays, and counting by multiples to do multiplication.	Multiplication & Division	Manipulatives	1,8
2	Number Sense	3.2	Use repeated subtraction, equal sharing, and forming equal groups with remainders to do division.	Multiplication & Division	Manipulatives	4,11
2	Mathematical Reasoning	1.1	Determine the approach, materials, and strategies to be used.	Multiplication & Division	Manipulatives	1-14
2	Mathematical Reasoning	1.2	Use tools, such as manipulatives or sketches, to model problems.	Multiplication & Division	Manipulatives & Symbols	1-14
2	Mathematical Reasoning	2.2	Make precise calculations and check the validity of the results in the context of the problem.	Multiplication & Division	Word Problems	1-14
2	Mathematical Reasoning	3.0	Students note connections between one problem and another.	Multiplication & Division	Symbols	7,15