



Symphony Math[®] Correlation

Illinois Learning Standards -- Mathematics

Illinois Learning Standards -- Mathematics				Symphony Math		
Goal	Stage	#	Standard	Module	Activity	Levels
6A	A	2	Recognize 'how many' in sets of objects.	Quantity	Manipulatives & Symbols	1
6A	A	4	Develop initial understanding of place value and the base-ten number system using manipulatives.	Place Value	Manipulatives	1-8
6A	A	5	Describe numeric relationships using appropriate vocabulary.	Quantity	Auditory Statements	1-3
6A	A	7	Connect number words and numerals to the quantities they represent.	Quantity	Manipulatives & Symbols	1-6
6A	B	2	Extend initial understanding of place value and the base-ten number system using multiple models.	Place Value	Manipulatives	9-18
6A	B	3	Describe numeric relationships using comparison notation.	Place Value	Symbols	4,8,12, 15,18
6A	C	1	Represent, order, and compare whole numbers to demonstrate an understanding of the base-ten number system.	Place Value	Symbols	4,8,12, 15,18
6A	C	2	Recognize equivalent representations of whole numbers and generate them by composing and decomposing numbers (e.g., $123 = 100 + 20 + 3$).	Place Value	Symbols	13,14, 16,17
6B	A	1	Solve one-step addition and subtraction number sentences and word problems using concrete materials.	Addition & Subtraction	Symbols World Problems	1-14 1-14
6B	A	2	Construct number sentences to match word problems.	Quantity	World Problems	1-6

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Goal	Stage	#	Standard	Module	Activity	Levels
6B	A	3	Demonstrate and describe the effects of adding and subtracting whole numbers using appropriate mathematical notation and vocabulary.	Addition & Subtraction	Symbols Auditory Statements	1-19 1-19
6B	A	4	Explore and apply properties of addition and subtraction.	Addition & Subtraction	Symbols	4,7,9, 10,14
6B	A	5	Compute using fact families.	Addition & Subtraction	Symbols	4,9,14
6B	B	1	Solve two-step addition and subtraction number sentences and word problems.	Addition & Subtraction	World Problems	15-19
6B	B	2	Demonstrate the relationship between addition and subtraction.	Addition & Subtraction	Manipulatives	4,9,14
6B	B	3	Explore multiplication and division through equal grouping and equal sharing of objects.	Multiplication & Division	Manipulatives	1-14
6B	B	4	Connect repeated addition to multiplication.	Multiplication & Division	Manipulatives	1-3
6B	B	5	Demonstrate fluency with basic addition and subtraction facts.	Addition & Subtraction	Fluency Environment	1-14
6B	C	1	Show and use the relationship between multiplication and division.	Multiplication & Division	Manipulatives	6,13
6B	C	2	Demonstrate and describe the effects of multiplying and dividing whole numbers using appropriate mathematical notation and vocabulary.	Multiplication & Division	Manipulatives & Symbols Auditory Statements	1-14 1-14
6B	C	4	Demonstrate fluency with basic multiplication and division facts.	Multiplication & Division	Fluency Environment	1-14
6B	C	5	Solve multiplication and division number sentences and word problems.	Multiplication & Division	World Problems	1-14

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Goal	Stage	#	Standard	Module	Activity	Levels
6B	C	7	Select and use one of various algorithms to add and subtract.	Addition & Subtraction	Word Problems	1-19
6C	A	1	Develop and use strategies for whole number computations with a focus on addition and subtraction.	Addition & Subtraction	Symbols	1-19
6C	A	2	Use mental math counting strategies.	Quantity	Fluency Environment	1-6
6C	B	1	Explain and use mental math strategies to solve simple addition and subtraction problems.	Addition & Subtraction	Symbols	1-19
6D	A	1	Compare two or more sets using manipulatives, to solve problems.	Quantity	Manipulatives	1-6
6D	C	1	Describe the relationship between two sets using “>”, “<”, and “=”, “≠”.	Quantity	Symbols	1-6
7A	A	2	Compare and order objects according to measurable attributes.	Quantity	Manipulatives	1-6
				Place Value	Manipulatives	4,8,12,15,18
7A	A	3	Measure objects using non-standard units.	Quantity	Manipulatives	1-6
				Addition & Subtraction	Manipulatives	1-19
				Multiplication & Division	Manipulatives	1-14
				Place Value	Manipulatives	1-18