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Georgia's K-12 Mathematics Standards Correlated to *Moving with Math* CONNECTIONS Grade 1

		Lesson Plan Page <i>(located in Teacher Resource Manual) &</i> Student Activity Book Page	Skill Builder Page & Daily Oral Review (DOR) <i>(located in Teacher Resource Manual)</i>
	NUMERICAL REASONING – counting, numbers, equality, place value, addition, subtraction		
1.NR.1:	Extend the count sequence to 120. Read, write, and represent numerical values to 120 and compare numerical values to 100.		
1.NR.1.1	Count within 120, forward and backward, starting at any number. In this range, read and write numerals and represent a number of objects with a written numeral.	7, 16, 35-48, 51-53, 57, 62, 64, 103, 108, 123-128, 132, 134-138, 140, 141, 143-145	4-1 to 4-3, 5-1, 6-1, 9-1, 10-1, 17-1 DOR pg 107, Obj 4, 5; pg 109, Obj 8
1.NR.1.2	Explain that the two digits of a 2-digit number represent the amounts of tens and ones.	51, 125-130, 133, 135, 136, 143-146, 148	11-1 to 11-3 DOR pg 110, Obj 11
1.NR.1.3	Compare and order whole numbers up to 100 using concrete models, drawings, and the symbols $>$, $=$, and $<$.	6, 10, 11, 34, 53, 54, 131, 133, 147, 163	3-1, 3-2, 6-1, 6-2, 8-1 DOR pg 106, Obj 3; pg 107, Obj 6
1.NR.2:	Explain the relationship between addition and subtraction and apply the properties of operations to solve real-life addition and subtraction problems within 20.		
1.NR.2.1	Use a variety of strategies to solve addition and subtraction problems within 20.	61, 63-67, 69-88, 91-119, 158, 185, 186, 201-218, 239, 240-254	26-1 to 26-4, 27-1 to 27-3, 28-1 to 28-4, 29-3, 29-4, 39-1, 41-1, 42-1 DOR pg 118, Obj 26, 27; pg 119, Obj 28, 29; pg 124, Obj 39; pg 125, Obj 40, 41; pg 126, Obj 42
1.NR.2.2	Use pictures, drawings, and equations to develop strategies for addition and subtraction within 20 by exploring strings of related problems.	180, 204, 206, 210-212	27-1
1.NR.2.3	Recognize the inverse relationship between subtraction and addition within 20 and use this inverse relationship to solve authentic problems.	112-114, 213, 247	28-4, 29-2, 29-5

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1.NR.2.4	Fluently add and subtract within 10 using a variety of strategies.	42, 44, 70-79, 82-84, 98, 102-106, 108, 112, 113	26-1, 26-3, 26-5, 28-3 to 28-5 DOR pg 118, Obj 27; pg 119, Obj 29
1.NR.2.5	Use the meaning of the equal sign to determine whether equations involving addition and subtraction are true or false.	66, 95	
1.NR.2.6	Determine the unknown whole number in an addition or subtraction equation relating to three whole numbers.	187, 253	33-1, 33-2 DOR pg 121, Obj 33
1.NR.2.7	Apply properties of operations as strategies to solve addition and subtraction problem situations within 20.	71-73, 244	26-1, 28-2
	PATTERNING & ALGEBRAIC REASONING – repeating patterns, growing, patterns, and shrinking patterns		
1.PAR.3:	Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns found in real-life situations.		
1.PAR.3.1	Investigate, create, and make predictions about repeating patterns with a core of up to 3 elements resulting from repeating an operation, as a series of shapes, or a number string.	5, 12, 26	2-1, 2-2 DOR pg 106, Obj 2
1.PAR.3.2	Identify, describe, and create growing, shrinking, and repeating patterns based on the repeated addition or subtraction of 1s, 2s, 5s, and 10s.	127, 139-142, 157, 159, 164	9-2, 10-1, 30-2 DOR pg 109, Obj 9; pg 110, Obj 10
	GEOMETRIC & SPATIAL REASONING – shapes, attributes, partitions of circles and rectangles		
1.GSR.4:	Compose shapes, analyze the attributes of shapes, and relate their parts to the whole.		
1.GSR.4.1	Identify common two-dimensional shapes and three-dimensional figures, sort and classify them by their attributes and build and draw shapes that possess defining attributes.	19-24, 27-30	13-1, 14-1, 15-1, 38-1 DOR pg 105, Obj 1; pg 111, Obj 13; pg 112, Obj 14
1.GSR.4.2	Compose two-dimensional shapes (rectangles, squares, triangles, half-circles, and quarter-circles) and three-dimensional figures (cubes, rectangular prisms, cones, and cylinders) to create a shape formed of two or more common shapes and compose new shapes from the composite shape.	29, 169	13-2, 15-1 DOR pg 112, Obj 15
1.GSR.4.3	Partition circles and rectangles into two and four equal shares.	224-228	25-1, 25-2 DOR pg 117, Obj 25
	NUMERICAL REASONING – base ten structure, addition and subtraction within 100		

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1.NR.5:	Use concrete models, the base ten structure, and properties of operations to add and subtract within 100.		
1.NR.5.1	Use a variety of strategies to solve applicable, mathematical addition and subtraction problems with one- and two-digit whole numbers.	176-184, 190-192, 195-198	30-1, 32-1, 32-2, 34-1, 36-1 to 36-3, 39-2 DOR pg 120, Obj 30; pg 121, Obj 32; pg 122, Obj 34; pg 123, Obj 35
1.NR.5.2	Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.		
1.NR.5.3	Add and subtract multiples of 10 within 100.	189, 190, 193, 194	31-1, 35-1 DOR pg 120, Obj 31; pg 122, Obj 35
	MEASUREMENT & DATA REASONING – length, time, money		
1.MDR.6:	Use appropriate tools to measure, order, and compare intervals of length and time, as well as denominations of money to solve real-life, mathematical problems and answer relevant questions.		
1.MDR.6.1	Estimate, measure, and record lengths of objects using non-standard units, and compare and order up to three objects using the recorded measurements. Describe the objects compared.	14, 165, 168	16-1
1.MDR.6.2	Tell and write time in hours and half-hours using analog and digital clocks, and measure elapsed time to the hour on the hour using a predetermined number line.	153-156	18-1, 18-2 DOR pg 114, Obj 18
1.MDR.6.3	Identify the value of quarters and compare the values of pennies, nickels, dimes, and quarters.	55, 56, 85-87, 117, 118, 157-163	22-1, 22-2, 23-1, 24-1, 24-2 DOR pg 116, Obj 22, 23; pg 117, Obj 24
1.MDR.6.4	Ask questions and answer them based on gathered information, observations, and appropriate graphical displays to compare and order whole numbers.	8, 17, 30, 38, 58, 68, 120, 175	38-1, 38-2 DOR pg 124, Obj 38