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Nebraska Mathematics Standards Correlated to *Moving with Math Connections Kindergarten*

		Student Book	Skill Builders
MA 0.1	Students will communicate number sense concepts using multiple representations to reason, solve problems, and make connections within mathematic and across disciplines.		
MA 0.1.1	Number System		
	Students will demonstrate, represent, and show relationships among whole numbers within the base-ten number system.		
MA 0.1.1.a	Count, read and write numbers 0 - 20	43-58, 65-74, 83-86, 164-168	5-3, 5-4, 5-5, 5-6, 6-1, 10-1
MA 0.1.1.b	Count objects using one-to-one correspondence 0 - 20	42, 75	
MA 0.1.1.c	Sequence objects using ordinal numbers (first through fifth)	59, 60	9-1
MA 0.1.1.d	Match numerals to the quantities they represent 0 - 20, using a variety of models and representations	43, 49, 57, 66, 76, 164-168	5-1
MA 0.1.1.e	Demonstrate and identify multiple equivalent representations for numbers 1 - 10 (e.g., 10 is 1 and 9; 10 is 6 and 4)		26-5
MA 0.1.1.f	Demonstrate relative position of whole numbers 0 - 10 (e.g., 5 is between 2 and 10; 7 is greater than 3)	78, 80, 82	
MA 0.1.2	Operations		
	Students will demonstrate the meaning of addition and subtraction with whole numbers.		
MA 0.1.2.a	Use objects and words to explain the meaning of addition as a joining action (e.g., Two girls are sitting at a table. Two more girls join them. How many girls are sitting at the table?)	120, 121	26-1
MA 0.1.2.b	Use objects and words to explain the meaning of addition as parts of a whole (e.g., Three boys and two girls are going to the zoo. How many children are going to the zoo?)	127	
MA 0.1.2.c	Use objects and words to explain the meaning of subtraction as a separation action (e.g., Five girls are sitting at a table. Two girls leave. How many girls are left sitting at the table?)	134, 135, 137	27-1
MA 0.1.2.d	Use objects and words to explain the meaning of subtraction as finding part of a whole (e.g., Jacob has 5 pencils. Three are blue and the rest are red. How many red pencils does Jacob have?)	138, 139	

		Student Book	Skill Builders
MA 0.1.3	Computation		
	Mastery not expected at this level.		
MA 0.1.4	Estimation		
	Mastery not expected at this level.		
MA 0.2	Students will communicate geometric concepts and measurement concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.		
MA 0.2.1	Characteristics		
	Students will identify two-dimensional geometric shapes.		
MA 0.2.a	Sort and name two-dimensional shapes (e.g., square, circle, rectangle, triangle)	26-29, 33, 36	13-1
MA 0.2.2	Coordinate Geometry		
	Mastery not expected at this level.		
MA 0.2.3	Transformations		
	Mastery not expected at this level.		
MA 0.2.4	Spatial Modeling		
	Students will communicate relative positions in space,		
MA 0.2.4.a	Demonstrate positional words (e.g., above/below, near/far, over/under, in/out, down/up, around/through)	9	12-1, 12-2
MA 0.2.5	Measurement		
	Students will measure using nonstandard units and time.		
MA 0.2.5.a	Identify the name and amount of a penny, nickel, dime, and quarter	97, 99, 101, 172	24-1, 25-1
MA 0.2.5.b	Identify time to the hour	95, 96	19-3
MA 0.2.5.c	Measure using nonstandard units	108, 109, 110	20-1
MA 0.2.5.d	Compare objects according to length	106, 107	
MA 0.3	Students will communicate algebraic concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.		
MA 0.3.1	Relationships		
	Students will sort, classify, and order objects by relationships.		
MA 0.3.1.a	Sort by color, shape, or size	2, 3	
MA 0.3.1.b	Create own rule for sorting other than color, shape, and size	11 (T.G.)	13-2

		Student Book	Skill Builders
MA 0.3.2	Modeling in Context		
	Students will use objects as models to represent mathematical situations.		
MA 0.3.2.a	Model situations that involve the addition and subtraction of whole numbers 0 - 10 using objects	124, 125, 128, 129, 140, 141, 142	26-2, 27-2
MA 0.3.3	Procedures		
	Students will use concrete and verbal representations to solve number stories.		
MA 0.3.3.a	Use objects to solve addition and subtraction of whole numbers 0 -10	124, 125, 128, 129, 140, 141, 142	26-2, 27-2
MA 0.4	Students will communicate data analysis/probability concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines.		
MA 0.4.1	Display and Analysis		
	Students will sort, classify, represent, describe, and compare sets of objects.		
MA 0.4.1.a	Sort and classify objects according to an attribute (e.g., size, color, shape)	11, 12	
MA 0.4.1.b	Identify the attributes of sorted data	11 (T.G.)	
MA 0.4.1.c	Compare the attributes of the data (e.g., most, least, same)	103	
MA 0.4.2	Predictions and Inferences		
	Mastery not expected at this level.		
MA 0.4.2	Probability		
	Mastery not expected at this level.		