



Math Teachers Press, Inc.

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SOUTH CAROLINA ACADEMIC STANDARDS FOR MATHEMATICS CORRELATED TO *MOVING WITH MATH PRIMARY CONNECTIONS KINDERGARTEN*

		Student Book	Skill Builders
MATHEMATICAL PROCESSES			
K-1:	The student will have a basic understanding of the mathematical processes of problem solving, reasoning, and proof, communication, connections, and representations.		
K-1.1	Apply substantive mathematical problem-solving strategies.	139, 147	29-1
K-1.2	Generate conjectures and exchange mathematical ideas.	8	
K-1.3	Explain and justify answers to simple problems.	16, 18	
K-1.4	Analyze patterns by reasoning systematically.	22	
K-1.5	Generalize mathematical concepts.	160, 161	
K-1.6	Use a variety of forms of mathematical communication.	117, 144	
K-1.7	Generalize connections among mathematics, the environment, and other subjects.	108, 121	
K-1.8	Use multiple informal representations to convey mathematical ideas.	110, 111, 115	
NUMBER AND OPERATIONS			
K-2:	The student will demonstrate through the mathematical processes an emerging sense of quantity and numeral relationships, sets, and place values.		
K-2.1	Recall numbers, counting forward through 99 and backward from 10.	78 (T.G.), 174(T.G.)	6-3 to 6-6, 11-1
K-2.2	Translate between numeral and quantity through 31.	164-174	5-1
K-2.3	Compare sets of no more than 31 objects by using the terms <i>more than</i> , <i>less than</i> , and <i>the same as</i> .	18-21, 87, 143	3-1, 3-2, 8-1 to 8-3
K-2.4	Represent simple joining and separating situations through 10.	123-129, 140-142	26-1, 26-2, 27-2
K-2.5	Understand that addition results in increase and subtraction results in decrease.	120, 121, 134, 135	26-1, 27-1

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K-2.6	Analyze the magnitude of digits through 99 on the basis of their place values.	165-168	
K-2.7	Represent the place value of each digit in a two-digit whole number.	165-168	
K-2.8	Identify ordinal positions through 31st.	60	9-1
ALGEBRA			
K-3:	The student will demonstrate through the mathematical processes an emerging sense of repeating and growing patterns and classification based on attributes.		
K-3.1	Identify simple growing patterns.	58	
K-3.2	Analyze simple repeating and growing relationships to extend patterns.	35, 38, 81	4-2, 4-3
K-3.3	Translate simple repeating and growing patterns into rules.	35 (T.G.)	
K-3.4	Classify objects according to one or more attributes such as color, size, shape, and thickness.	32, 34	
GEOMETRY			
K-4:	The student will demonstrate through the mathematical processes an emerging sense of two- and three-dimensional geometric shapes and relative positions in space.		
K-4.1	Identify the two-dimensional shapes square, circles, triangle, and rectangle and the three-dimensional shapes cube, sphere, and cylinder.	27-29, 33, 37, 39	16-1
K-4.2	Represent two-dimensional geometric shapes.	129	15-2
K-4.3	use the positional words <i>near, far, below, above, beside, next to, across from,</i> and <i>between</i> to describe the location of an object.	9 (T.G.)	12-3
K-4.4	Use the directional words <i>left</i> and <i>right</i> to describe movement.		
MEASUREMENT			
K-5:	The student will demonstrate through the mathematical processes an emerging sense of coin values and the measurement concepts of length, weight, time, and temperature.		
K-5.1	Identify a penny, a nickel, a dime, a quarter, and a dollar and the value of each.	97, 99, 101, 172	24-1
K-5.2	Compare the lengths of two objects, both directly and indirectly, to order objects according to lengths.	106, 107	14-2

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K-5.3	Use nonstandard unit to explore the measurement concepts of length and weight.	110, 114	20-1
K-5.4	Identify rulers, yardsticks, and tape measures as devices used to measure length; scales and balances as devices used to measure weight; calendars and analog and digital clocks as device used to measure time; and digital and standard thermometers as devices used to measure temperature.	94, 96, 113, 175	19-2, 21-1, 21-2
K-5.5	Understand which measure – length, weight, time, or temperature – is appropriate for a given situation.	107 (T.G.), 113(T.G.)	
K-5.6	Use analog and digital clocks to tell time to the hour.	95, 96	19-3
K-5.7	Use a calendar to identify dates, days of the week, and months of the year.	175	
K-5.8	Recall equivalencies associated with time: 7 days = 1 week and 12 months = 1 year.	94 (T.G.)	
DATA ANALYSIS AND PROBABILITY			
K-6:	The student will demonstrate through the mathematical processes an emerging sense of organizing and interpret data.		
K-6.1	Organize data in graphic displays in the form of drawings and pictures.		30-1
K-6.2	Interpret data in graphic displays in the form of drawings and pictures.	61	30-2