

Scope and Sequence

First Grade Mathematics

TEKS	OBJECTIVES	SIX WEEKS					
		1	2	3	4	5	6
1.1(A)	The student is expected to: compare and order whole numbers up to 99 (less than, greater than, or equal to) using sets of concrete objects. MTW: pp. 93, 94, 108, 126, 127, 146, 149, 153, 230 NL: 5.3-5.5, 8.9, 8.10, 10.5-10.6, 10.6, 10.8, 10.10						
1.1(B)	create sets of tens and ones using concrete objects to describe, compare, and order whole numbers. MTW: pp. 126, 248, 276, 299, 305-323 NL: 10.5, 10.6, 10.9, 10.12, 11.7-11.19, 11.21						
1.1(C)	use words and numbers to describe the values of individual coins such as penny, nickel, dime and quarter and their relationships. MTW: pp. 93, 108, 174, 188-189 NL: 5.3-5.5, 5.6						
1.1(D)	read and write numbers to 25 to describe sets of concrete objects. MTW: pp. 47, 93, 94, 98, 171, 230, 316, 318 NL: 1.5, 5.3-5.5, 6.1-6.11, 10.6, 10.15-10.26, 11.11-11.12						
1.3(A)	model and create addition and subtraction problem situations with concrete objects. MTW: pp. 93, 108, 172, 174, 180-181, 140-163, 179-185, 188-189 NL: 5.3-5.5, 10.15-10.26, 10.7, 10.12, 8.1, 8.8						
1.4(A)	identify, describe, and extend concrete patterns in order to make predictions and solve problems. MTW: p. 29 NL: 9.3						
1.5(A)	find patterns in numbers, including odd and even. MTW: pp. 140-163, 346 NL: 8.1, 8.8, 7.25, 7.26						
1.6(A)	describe and identify objects in order to sort them according to a given attribute using informal language. MTW: pp. 70-71 NL: 9.3, 8.6						
1.8(A)	recognize temperatures such as a hot day or a cold day.						
1.9(A)	collect and sort data. MTW: pp. 70-71, 146, 149, 153. NL: 8.3, 8.6, 8.9, 9.10						
1.9(B)	use organized data to construct real object graphs. MTW: pp. 146, 149, 153 NL: 8.8, 8.9, 8.10						
1.10(A)	draw conclusions and answer questions using information organized in real-object graphs. MTW: pp. 146, 149, 153. NL: 8.8, 8.9, 8.10						
1.11(A)	identify mathematics in everyday situations. MTW: pp. 171, 98, 146 NL: 10.15-10.26, 8.8						
1.11(B)	use a problem-solving model with guidance as needed that incorporates understanding the problem, making a plan, carrying out the plan and evaluating the solution for reasonableness. MTW: pp. 70-71, 318 NL: p. 8.3, 8.6						

Shaded objective indicates algebra emphasis

———— Introduced objective - - - - Maintained objective

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		1	2	3	4	5	6
	The student is expected to:						
1.11(C)	select or develop an appropriate problem-solving strategy including drawing a picture, looking for a pattern, systematic guessing, and checking or acting it out in order to solve a problem. MTW: pp. 226, 228 NL: 10.5, 10.6, 10.8, 10.10, 10.11						
1.11(D)	use tools such as real objects, manipulatives, and technology to solve problems. MTW: review/tubbing.						
1.12(A)	explain and record observations using objects, words, pictures, numbers, and technology. MTW: pp. 70-71, 94, 126, 127, 146, 230, 31						
1.12(B)	related informal language to mathematical language and symbols. MTW: pp. 153, 174. NL: 8.9, 8.10, 10.15-10.26						
1.13	reason and support his or her thinking using objects, words, pictures, numbers and technology. MTW: pp. 70-71, 126-127, 289, 153, 318 NL: 11.11, 11.22, 8.3-8.6, 8.9, 8.10						

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		1	2	3	4	5	6
<p>The student is expected to:</p> <p>1.1(D) read and write numbers to 50 to describe sets of concrete objects.</p> <p>1.3(B) learn and apply basic addition facts (sums to 18) using concrete models. MTW: pp. 104, 105, 108, 183-185, 190, 192, 193, 194, 221-224, 227, 229 NL: 5.6, 10.5, 10.6, 10.7, 10.8, 10.10, 10.11, 10.12</p>		— — — —	— — — —	— — — —	— — — —	— — — —	

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		1	2	3	4	5	6
	The student is expected to:						
1.1(D)	read and write numbers to 75 to describe sets of concrete objects.						
1.2(A)	share a whole by separating it into equal parts such as three out of four equal parts. Use appropriate language to describe the parts. MTW: pp. 349-350, 339,345, 352,331 NL: 7.25-7.26						
1.2(B)	use appropriate language to describe part of a set such as three out of the eight crayons are red. MTW: p. 129 NL: 7.6, 7.11-7.20						
1.4(A)	identify, describe and extend pictorial patterns in order to make predictions and solve problems. MTW: pp. 153, 197 NL: 8.9, 8.10, 10.7, 10.12						
1.4(B)	use patterns to skip count by twos, fives, and tens. MTW: p. 29 Assessment NL: 9.3						
1.5(B)	compare and order whole numbers using place value. MTW: pp. 120-121 NL: 7.6, 7.11-7.20						
1.5(C)	identify patterns in related addition and subtraction sentences (fact families for sums to 18). MTW: pp. 228, 181, 190, 183 NL: 10.7-10.12						
1.6(B)	identify circles, triangles and rectangles, including squares and describe the shape of balls, boxes, cans, and cones. MTW: pp. 76-77, 80, 70-71, 331 NL: 8.1-8.7, 7.25-7.26						
1.6(C)	combine geometric shapes to make new geometric shapes using concrete models. MTW: p. 153 NL: 8.9-8.10						
1.9(B)	use organized data to construct picture graphs.						
1.10(A)	draw conclusions and answer questions using information organized in picture graphs. MTW: p. 310 NL: 8.9, 9.10, 10.7, 10.12						
1.10(B)	identify events such as certain or impossible such as drawing a red crayon from a bag of green crayons.						

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1.1(D) 1.9(B)	The student is expected to: read and write numbers to 99 to describe sets of concrete objects. MTW: p. 318 NL: 11.11-11.22 use organized data to construct bar type graphs.				— — — —	— — — —	— — — —

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1.8(B)	The student is expected to: describe time on a clock using hours and half hours. MTW: pp. 124, 134, 204-205, 244 NL: 4.8-4.14, 10.4, 10.6, 10.5, 10.9, 10.12					—	—
1.8(C)	order three or more events by how much time they take. MTW: p. 134 NL: 4.8-4.14, 7.21-7.23					—	—

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		1	2	3	4	5	6
	The student is expected to:						
1.7(A)	estimate and measure length, capacity, and weight of objects using non-standard units. MTW: pp. 76, 120-121, 131, 132, 135, 232-233, 307 NL: 7.18-7.20, 11.11-11.22, 10.5-10.6, 10.8, 10.10, 10.11, 7.15, 7.17						
1.7(B)	describe the relationship between the size of the unit and the number of units needed in a measurement.						

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