

© Clark County School District
Guide for Benchmarks
KINDERGARTEN MATHEMATICS

NUMBERS, NUMBER SENSE, AND COMPUTATION						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
1.K.5					Count to 20 objects to determine quantity [1.1]	
1.K.5			Count by ones to 10 [1.2]		Count by ones to 20 [1.2]	
	Compare sets of objects and describe more/less/equal [1.3]		→		→	
1.K.8			Match the correct number of objects with the appropriate numeral, 0-10 [1.4]			
1.K.6	Recognize, read and write numerals, 0-10					
1.K.6					Recognize number words, 0-10 [1.6]	
1.K.7	Use ordinal positions of first, second, and third [1.7]		→		→	
1.K.7			Estimate the number of objects in a set to 10, use ordinal positions first-third [1.14]			
1.K.8					Match the number of objects to the correct numeral	
1.K.5					Compare and order whole number relationships, 0-10 [1.8]	
1.K.1					Remove objects from a set (subtractions) and describe results [1.10]	
1.K.1					Use concrete objects to model simple sums and differences [1.12]	

KEY



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An arrow indicates mastery of the skill/concept will be maintained through teacher review and guided and independent practice.

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PATTERNS, FUNCTIONS, AND ALGEBRA						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
2.K.1			Sort and describe objects by similar characteristics (attributes) [2.1]			→
2.K.1	Recognize, replicate, and extend repeating patterns [2.3]			→		→
2.K.1	Create and describe patterns using objects and words and numbers [2.2]			→		→
2.K.4			Identify and create sets of objects with unequal amounts, describing them as having more or less [2.4]			→

MEASUREMENT						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
3.K.1			Compare and order objects by size and communicate their similarities and differences [3.1]			→
3.K.1			Compare and order objects by size and weight [3.2]			
3.K.4					Identify and sort pennies, nickels, and dimes [3.3]	
3.K.4					Recite, in order, the days of the week [3.5]	

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SPATIAL RELATIONSHIPS AND GEOMETRY						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
4.K.2	Describe location of objects using position words such as next to, between, under, over, top, bottom, before, after [4.3]					
4.K.1					Identify and describe geometric figures (sphere, cylinder, cube, cone) [4.1]	
4.K.1					Identify and describe two-dimensional shapes (circle, triangles, rectangles [squares]) [4.2]	
4.K.3					Identify two-dimensional figures as they appear in the environment (e.g., windows are shaped like rectangles) [4.4]	

DATA ANALYSIS						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
5.K.1			Collect and describe data [5.1]			→
					Describe and compare information (data) on graphs made with objects, pictures, or numbers [5.2]	

PROBLEM SOLVING						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
6.K.1	←	Develop, and apply strategies to solve a variety of mathematical problems[6.1]				→
6.K.3	←	Formulate own problems; use various approaches to investigate and solve problems [6.3]				→
6.K.8	←	Apply solutions and strategies from earlier problems to new problem situations [6.6]				→

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MATHEMATICAL COMMUNICATION						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
7.K.1	←	Discuss exchange ideas about mathematics as a part of learning [7.1]				→
7.K.2	←	Use inquiry techniques (e.g., discussion, questioning, research, data gathering) to solve mathematical problems [7.2]				→
7.K.4	←	Use pictorial representations to identify mathematical operations and concepts [7.3]				→
7.K.7	←	Use physical materials, models, pictures, or writing to represent and communicate mathematical ideas [7.4]				→
7.K.12	←	Explain and justify thinking about mathematical ideas and solutions [7.5]				→
7.K.15	←	Use everyday language to explain thinking about strategies and solutions to mathematical problems [7.6]				→

MATHEMATICAL REASONING						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
8.K.1	←	Justify and explain the solutions to problems using manipulatives and physical models [8.1]				→
8.K.4	←	Use patterns and relationships to analyze mathematical situations; draw logical conclusions about mathematical problems [8.2]				→

MATHEMATICAL CONNECTIONS						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
9.K.1	←	Link new concepts to prior knowledge [9.1]				→
9.K.5	←	Identify practical applications of mathematical principles that can be applied to other disciplines [9.2]				→
9.K.8	←	Identify, explain, and use mathematics in everyday life [9.4]				→

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