

© Clark County School District  
 Guide for Benchmarks  
**GRADE ONE 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
1.1.6					Count up to 100 objects to determine quantity [1.1]	
1.1.6					Count on and count back [1.2]	
1.1.6					Compare and order groups of objects and numerals less than 100 [1.3]	
1.1.7			Estimate the number of objects in a set to 50; verify the estimate by counting; and revise estimate, as needed, based on results [1.18]			
1.1.5					Use the inherent patterns in numbers to count by 1's, 2's, 5's, 10's to 100 [1.4]	
1.1.6					Read, write, order, and compare numerals, 0-100 [1.5]	
1.1.7			Read and write number words, 0-10 [1.6]			
1.1.7	Use ordinal positions first through tenth [1.7]		→		→	
1.1.8					Use, model, and identify place value positions (ones, tens) [1.8]	
1.1.8			Explain and model the meaning of addition and subtraction [1.9]			
1.1.1			Identify and model basic addition facts (sums to 10) and the corresponding subtraction facts [1.14]			
1.1.3					Know basic addition facts (sums to 10) and the corresponding subtraction facts [1.16]	

**KEY**



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<b>NUMBERS, NUMBER SENSE, AND COMPUTATION</b>						
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1.1.3						Write number sentences for the basic addition facts (sums to 10 or less) and corresponding subtraction facts [1.16]
1.1.3						Use mental computation in appropriate situations to solve problems [1.19]
1.1.3						Write, model, and describe one-step addition and subtraction problems [1.21]
1.1.9			Identify and model a whole [1.11]			
1.1.9			Identify and model $\frac{1}{2}$ [1.12]			

<b>PATTERNS, FUNCTIONS, AND ALGEBRA</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
	<b>6 weeks</b>	<b>12 weeks</b>	<b>18 weeks</b>	<b>24 weeks</b>	<b>30 weeks</b>	<b>36 weeks</b>
2.1.1	Sort and categorize objects, shapes, and numbers in a variety of ways [2.1]			→		→
2.1.1	Recognize, describe, extend, and create simple repeating and increasing patterns using symbols, objects, and manipulatives [2.2]			→		→
2.1.4	Create, compare, and describe sets of objects as having more, less, or equal amounts [2.4]			→		→
2.1.4	Determine possible combinations for a given number (0-10) [2.3]					

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<b>MEASUREMENT</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
	<b>6 weeks</b>	<b>12 weeks</b>	<b>18 weeks</b>	<b>24 weeks</b>	<b>30 weeks</b>	<b>36 weeks</b>
3.1.6			Distinguish between day and night, i.e., between A.M. and P.M. [3.3]			
3.1.6			Read time to the nearest hour and half hour [3.4]			→
3.1.6			Use a calendar to identify months, weeks, and days [3.5]			→
3.1.6			Recite the months of the year in order [3.5]			→
3.1.1					Compare and order objects by length and weight and communicate their similarities and differences [3.1]	
3.1.2					Compare and measure length and weight using non-standard units of measure [3.2]	
3.1.4					Determine the value of any set of pennies, nickels, and dimes [3.8]	

<b>SPATIAL RELATIONSHIPS AND GEOMETRY</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
	<b>6 weeks</b>	<b>12 weeks</b>	<b>18 weeks</b>	<b>24 weeks</b>	<b>30 weeks</b>	<b>36 weeks</b>
4.1.2			Use position words such as middle, before, down, outside, inside, left, and right to place objects [4.1]			→
4.2.4			Identify, describe, and name geometric figures (sphere, cylinder, cube, cone) [4.2]			→
4.1.1			Name, sort, and sketch two-dimensional geometric shapes (circles, triangles, rectangles [squares]) regardless of position [4.3]			→

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<b>SPATIAL RELATIONSHIPS AND GEOMETRY (continued)</b>						
NV Standards	First Trimester		Second Trimester		Third Trimester	
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4.1.3			Identify and replicate two-dimensional designs that contain a line of symmetry [4.4]		→	

<b>DATA ANALYSIS</b>						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
5.1.1			Collect, organize, and describe data [5.1]		→	
5.1.1					Read and interpret information (data) on graphs made with objects, pictures, or numbers [5.2]	

<b>PROBLEM SOLVING</b>						
NV Standards	First Trimester		Second Trimester		Third Trimester	
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6.1.1	←	Develop, and apply strategies to solve a variety of problems [6.1]				→
6.1.2	←	Apply previous experience and knowledge to new problem-solving situations [6.2]				→
6.1.3	←	Formulate own problems, use various approaches to investigate and solve problems [6.3]				→
6.1.4	←	Explain and verify results [6.4]				→

<b>MATHEMATICAL COMMUNICATION</b>						
NV Standards	First Trimester		Second Trimester		Third Trimester	
	6 weeks	12 weeks	18 weeks	24 weeks	30 weeks	36 weeks
7.1.4	←	Use pictorial representations to identify mathematical operations and concepts [7.3]				→
7.1.7	←	Use physical materials, models, pictures, or writing to represent and communicate mathematical ideas [7.4]				→

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<b>MATHEMATICAL COMMUNICATION (continued)</b>						
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7.1.12	←	Explain and justify thinking about mathematical ideas and solutions [7.5]				→

<b>MATHEMATICAL REASONING</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
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8.1.4	←	Use patterns and relationships to analyze mathematical situations; draw logical conclusions about mathematical problems [8.2]				→

<b>MATHEMATICAL CONNECTIONS</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
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9.1.8	←	Identify, explain, and use mathematics in everyday life [9.5]				→

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