


© Clark County School District  
Guide for Benchmarks  
**GRADE THREE 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
1.3.6					Read, write, order, and compare numbers (0-10,000) [1.1]	
1.3.8					Use, model, and identify place value positions up to 10,000 [1.5]	
1.3.7	Round numbers to nearest tens and hundreds to determine reasonableness of answers [1.6]			→		→
1.3.1	Immediately recall and use addition and subtraction facts [1.18]			→		→
1.3.2			Add and subtract multi-digit numbers with regrouping [1.21]			
1.3.3			Generate and solve two-step addition and subtraction and one-step multiplication problems based on practical situations using pencil and paper, mental computation, and estimation [1.31]			
1.3.9					Model, sketch, and label fractions with denominators to 10 [1.11]	
1.3.9					Write fractions with numerals and with number words [1.12]	
1.3.4					Add and subtract decimals using money as a model [1.29]	
1.3.5	Model and explain multiplication using repeated addition, skip counting, and arrays [1.9]			→		→

**KEY**

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<b>NUMBERS, NUMBER SENSE, AND COMPUTATION (continued)</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>
1.3.5	Model and explain division including subtraction model, grouping model, and arrays [1.10]					
1.3.1			Immediately recall and use basic facts of multiplication through the 10's [1.19]			→
1.3.1			Recall and use facts of division through the 10's [1.20]			→
1.4.3					Multiply a two- or three-digit number by a one-digit number with or without regrouping [1.21]	
1.4.3					Add, subtract and multiply whole numbers with and without regrouping	
1.4.1			Divide a two-digit number by a one-digit number without a remainder [1.25]			

<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>
2.3.1	Recognize, describe, and create repeating and increasing patterns using numbers [2.2]			→		→
2.3.1	Use numbers, patterns, and their extensions to solve problems [2.4]			→		→
2.3.3	Identify missing terms and missing numbers in open number sentences involving in addition and subtraction number facts [2.5]			→		→

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<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>
2.3.4	Complete number sentences with the appropriate words and symbols for addition, subtraction, less than, greater than, and equal to (+, -, <, >, =) [2.6]		→		→	

<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>
3.3.2			Select and use appropriate units of measurement; measure to required degree of accuracy and record results [3.1]		→	
3.3.3			Estimate and use measuring devices with standard (English and metric) and non-standard units to measure length, surface area, liquid volume (capacity), temperature and weight, communicating the concepts of more, less, and equivalent [3.2]		→	
3.4.3			Identify perimeter and area of regular and irregular figures by counting units and communicate the difference [3.4]		→	
3.3.6	Read time to the nearest minute using digital and analog clocks and identify elapsed time. [3.7]		→		→	
3.3.4			Determine possible combinations of coins and bills to equal given monetary amounts [3.10]		→	
3.3.4			Read, write, and use money notation [3.12]		→	

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<b>SPATIAL RELATIONSHIPS AND GEOMETRY</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
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4.3.1			Describe, sketch, construct, compare, and contrast plane geometric figures [4.1]			→
4.3.4			Sketch, model, compare and contrast two- and three-dimensional geometric figures [4.2]			→
4.3.2			Demonstrate and describe transformation (motion) of geometric figures as a slide, a turn (rotation), or a flip [4.6]			→

<b>DATA ANALYSIS</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
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5.3.1			Collect, organize, display, and interpret data from surveys and experiments using number lines, pictographs, bar graphs, and frequency tables [5.1]			→
5.3.1			Read and interpret displays of data; draw conclusions from charts, tables, and graphs to solve problems [5.2]			→
5.3.2					Use and apply concepts of probability such as equal, best, impossible, unlikely, likely, and certain to make predictions about future events [5.3]	

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<b>PROBLEM SOLVING</b>						
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6.3.1	←	Select and apply strategies to solve problems [6.1]				→
6.3.2	←	Apply previous experience and knowledge to new problem-solving situations [6.2]				→

<b>MATHEMATICAL COMMUNICATION</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
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7.3.5	←	Identify and translate key words and phrases that imply mathematical operations [7.3]				→
7.3.16	←	Express mathematical ideas and use them to define, compare, and solve problems orally and in writing [7.7]				→
7.3.16, 7.3.17	←	Use and understand models, pictures, diagrams, and tables of mathematical ideas				→

<b>MATHEMATICAL REASONING</b>						
<b>NV Standards</b>	<b>First Trimester</b>		<b>Second Trimester</b>		<b>Third Trimester</b>	
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8.3.11	←	Determine relevant, irrelevant, and/or sufficient information to solve mathematical problems [8.5]				→

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