

Fremont City Schools

Mathematics

Grade K Grading Period 2 Topic 5 – Topic 9



enVision Mathematics	Common Core State Standards
<p style="text-align: center;">Topic 5 Six to Ten</p>	<p>Lesson 5-1: Counting 6 and 7 Counting and Cardinality</p> <ul style="list-style-type: none">4. Understand the relationship between numbers and quantities; connect counting and cardinality.5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.
	<p>Lesson 5-2: Making 6 and 7 Operations and Algebraic Thinking</p> <ul style="list-style-type: none">3. Decompose numbers less than or equal to 10 into pairs in more than one way, e. g., by using objects or drawing, and record each decomposition by a drawing or equation.
	<p>Lesson 5-3: Reading and Writing 6 and 7 Counting and Cardinality</p> <ul style="list-style-type: none">3. Write numbers from 0-20. Represent a number of objects with a written numeral 0-20.5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.
	<p>Lesson 5-4: Counting 8 and 9 Counting and Cardinality</p> <ul style="list-style-type: none">4. Understand the relationship between numbers and quantities; connect counting and cardinality.5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.
	<p>Lesson 5-5: Making 8 and 9 Operations and Algebraic Thinking</p> <ul style="list-style-type: none">3. Decompose numbers less than or equal to 10 into pairs in more than one way, e. g., by using objects or drawing, and record each decomposition by drawing or equation.
	<p>Lesson 5-6: Reading and Writing 8 and 9 Counting and Cardinality</p> <ul style="list-style-type: none">3. Write numbers from 0-20. Represent a number of objects with a written numeral 0-20.5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.
	<p>Lesson 5-7: Counting 10 Counting and Cardinality</p> <ul style="list-style-type: none">4. Understand the relationship between numbers and quantities; connect counting and cardinality5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.

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enVision Mathematics	Common Core State Standards
<p>Topic 5 Six to Ten (continued)</p>	<p>Lesson 5-8: Making 10 Operations and Algebraic Thinking 3. Decompose numbers less than or equal to 10 into pairs in more than one way, e. g., by using objects or drawing, and record each decomposition by drawing or equation.</p>
	<p>Lesson 5-9: Reading and Writing 10 Counting and Cardinality 3. Write numbers from 0-20. Represent a number of objects with a written numeral 0-20. 5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1-20, count out that many objects.</p>
	<p>Lesson 5-10: Ordering Numbers on a Number Line Counting and Cardinality 4. Understand the relationship between numbers and quantities; connect counting to cardinality c. Understand that each successive number name refers to a quantity that is one larger.</p>
	<p>Lesson 5-11: Problem Solving – Make a Graph Measurement and Data 3. Classify objects into given categories; count the numbers of objects in each category and sort the categories by count</p>

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<p style="text-align: center;">Topic 6 Comparing Numbers</p>	<p>Lesson 6-1: Comparing Numbers Through 10 Counting and Cardinality 6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.</p>
	<p>Lesson 6-2: Comparing Numbers to 5 Counting and Cardinality 6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.</p>
	<p>Lesson 6-3: Comparing Numbers to 10 Counting and Cardinality 6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.</p>
	<p>Lesson 6-4: 1 and 2 More and Fewer Counting and Cardinality 6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.</p> <p>Operations and Algebraic Thinking 1. Represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations.</p>
	<p>Lesson 6-5: Problem Solving – Use Objects Operations and Algebraic Thinking 1. Represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations.</p>

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enVision Mathematics	Common Core State Standards
<p>Topic 7 Geometry</p>	<p>Lesson 7-1: Squares and Other Rectangles Geometry 2. Correctly name shapes regardless of their orientations or overall size. 3. Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”) * Note – Identifying and describing hexagons is a standard but is not included in enVision Math.</p>
	<p>Lesson 7-2: Circles and Triangles Geometry 2. Correctly name shapes regardless of their orientations or overall size. 3. Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”) * Note – Identifying and describing hexagons is a standard but is not included in enVision Math.</p>
	<p>Lesson 7-3: Making Shapes From Other Shapes Geometry 6. Compose simple shapes to form larger shapes.</p>
	<p>Lesson 7-4: Same Size, Same Shape * Note – This lesson is skipped since it is not a Kindergarten standard.</p>
	<p>Lesson 7-5: Symmetry * Note – This lesson is skipped since it is not a Kindergarten standard.</p>
	<p>Lesson 7-6: Solid Figures Geometry 2. Correctly name shapes regardless of their orientations or overall size. 3. Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”)</p>
	<p>Lesson 7-7: Comparing Solid Figures Geometry 4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts and other attributes.</p>
	<p>Lesson 7-8: Flat Surfaces of Solid Figures Geometry 3. Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”) 4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts and other attributes.</p>

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enVision Mathematics	Common Core State Standards
Topic 7 Geometry (continued)	Lesson 7-9: Problem Solving – Use Objects Geometry 4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts and other attributes.

enVision Mathematics	Common Core State Standards
Topic 8 Fractions and Ordinals	Topic 8 is skipped since fractions and ordinals are not included in the Kindergarten Common Core State Standards.

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<p style="text-align: center;">Topic 9 Measurement</p>	<p>Lesson 9-1: Comparing and Ordering by Size Measurement and Data</p> <ol style="list-style-type: none">1. Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.2. Directly compare two objects with a measurable attribute in common, to see which object has “more of” or “less of” the attribute, and describe the difference.
	<p>Lesson 9-2: Comparing by Length Measurement and Data</p> <ol style="list-style-type: none">1. Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.2. Directly compare two objects with a measurable attribute in common, to see which object has “more of” or “less of” the attribute, and describe the difference.
	<p>Lesson 9-3: Ordering by Length Measurement and Data</p> <ol style="list-style-type: none">1. Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.2. Directly compare two objects with a measurable attribute in common, to see which object has “more of” or “less of” the attribute, and describe the difference.
	<p>Lesson 9-4: Measuring Length * Note – This lesson is skipped since it is not a Kindergarten standard.</p>
	<p>Lesson 9-5: Problem Solving – Try, Check, and Revise * Note – This lesson is skipped since it is not a Kindergarten standard.</p>
	<p>Lesson 9-6: Comparing Capacities Measurement and Data</p> <ol style="list-style-type: none">1. Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.2. Directly compare two objects with a measurable attribute in common, to see which object has “more of” or “less of” the attribute, and describe the difference.
	<p>Lesson 9-7: Measuring Capacity * Note – This lesson is skipped since it is not a Kindergarten standard.</p>

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enVision Mathematics	Common Core State Standards
Topic 9 Measurement (continued)	Lesson 9-8: Comparing Weights Measurement and Data <ol style="list-style-type: none">1. Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.2. Directly compare two objects with a measurable attribute in common, to see which object has “more of” or “less of” the attribute, and describe the difference.
	Lesson 9-9: Measuring Weight * Note – This lesson is skipped since it is not a Kindergarten standard.
	Lesson 9-10: Problem Solving – Try, Check, and Revise * Note – This lesson is skipped since it is not a Kindergarten standard.