

## Kindergarten Grade Math Curriculum Alignment

Timeline	Strand/Concept	Performance Objective	Resources	Lessons/Objectives	Technology
<b>August</b>	<b>Strand 1: Number Sense &amp; Operations</b> <b>Concept 1: Number Sense</b>	PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<u><b>Lessons:</b></u> Lessons 5, 6, 7, 8, 9, 11	Saxon Online Activities
		PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., $\square + \square = \square + \square$ ).	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<u><b>Lessons:</b></u> Lessons 7, 8, 9, 10	
	<b>Strand 1: Number Sense &amp; Operations</b> <b>Concept 2: Numerical Operations</b>	PO 6. Use grade-level appropriate mathematical terminology.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<u><b>Lessons:</b></u> Lessons 5, 6, 7, 8, 9, 11	
	<b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b> <b>Concept 1: Data Analysis (Statistics)</b>	PO 2. Interpret a pictograph.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<u><b>Lessons:</b></u> Lessons 5,6	
		PO 3. Answer questions about a pictograph.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<u><b>Lessons:</b></u> Lessons 11	
		PO 4. Formulate questions based on data displayed in graphs, charts, and tables.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<u><b>Lessons:</b></u>	

	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b>  <b>Concept 4: Vertex-Edge Graphs</b></p>	<p>PO 5. Solve problems based on simple graphs, charts, and tables.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p>Lessons 5,6</p> <p><b><u>Lessons:</u></b>  Lessons 9</p>	
	<p><b>Strand 3: Patterns, Algebra, &amp; Functions</b>  <b>Concept 1: Patterns</b></p>	<p>PO 1. Color pictures with the least number of colors so that no common edges share the same color (increased complexity throughout grade levels).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 9</p>	
	<p><b>Strand 3: Patterns, Algebra, &amp; Functions</b>  <b>Concept 1: Patterns</b></p>	<p>PO 1. Communicate orally a grade-level appropriate pattern.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 9</p>	
	<p><b>Strand 3: Patterns, Algebra, &amp; Functions</b>  <b>Concept 1: Patterns</b></p>	<p>PO 2. Extend simple repetitive patterns using manipulatives.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 9</p>	
	<p><b>Strand 3: Patterns, Algebra, &amp; Functions</b>  <b>Concept 1: Patterns</b></p>	<p>PO 3. Create grade-level appropriate patterns.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 4, 10A</p>	
	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 1: Geometric Properties</b></p>	<p>PO 1. Identify 2-dimensional shapes by attribute (size, shape, number of sides).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 12</p>	

	<p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul> <p>PO 3. Identify shapes in different environments (e.g., nature, buildings, classroom).</p> <p>PO 1. Sort objects according to observable attributes.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 4</p> <p><b><u>Lessons:</u></b> Lessons 7, 8, 9</p>	
<p><b>September</b></p>	<p><b>Strand 1: Number Sense &amp; Operations</b>  <b>Concept 1: Number Sense</b></p>	<p>PO 1. Make a model to represent a given whole number 0 through 20.</p> <p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 24</p> <p><b><u>Lessons:</u></b> Lessons 21, 24, 30A</p> <p><b><u>Lessons:</u></b> Lessons 13, 18, 20A, 24, 27, 30</p> <p><b><u>Lessons:</u></b> Lessons 21, 24, 30A</p>	<p>Saxon Online Activities</p>

	<p><b>Strand 1: Number Sense &amp; Operation</b> <b>Concept 2: Numerical Operations</b></p>	<p>PO 5. Write whole numbers through 20 in or out of order.</p> <p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square\square+\square</math>).</p> <p>PO 8. Recognize the ordinal numbers through fifth (e.g., first, second, third).</p> <p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p> <p>PO 1. Model addition through sums of 10 using manipulatives.</p> <p>PO 2. Model subtraction with minuends of 10 using manipulatives.</p> <p>PO 4. Solve word problems presented orally using addition or subtraction with numbers through 9.</p> <p>PO 6. Use grade-level appropriate mathematical terminology.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 24</p> <p><b><u>Lessons:</u></b> Lessons 13, 18, 20A, 21, 24, 27, 30A</p> <p><b><u>Lessons:</u></b> Lessons 28</p> <p><b><u>Lessons:</u></b> Lessons 21, 30A</p> <p><b><u>Lessons:</u></b> Lessons 18, 27</p> <p><b><u>Lessons:</u></b> Lessons 18, 27</p> <p><b><u>Lessons:</u></b> Lessons 18, 27</p> <p><b><u>Lessons:</u></b> Lessons 13, 18, 19, 22, 23, 23, 27, 28</p> <p><b><u>Lessons:</u></b> Lessons 18, 27</p>	
--	---	---	--	---	--

	<p><b>Strand 1: Number Sense and Operation Concept 3: Estimation</b></p>	<p>PO 1. Solve problems using a variety of mental computations and reasonable estimations.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 17, 22</p>	
	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math Concept 1: Data Analysis (Statistics)</b></p>	<p>PO 2. Interpret a pictograph.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 17, 22</p>	
		<p>PO 3. Answer questions about a pictograph.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 17, 22</p>	
		<p>PO 4. Formulate questions based on data displayed in graphs, charts, and tables.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 23</p>	
		<p>PO 5. Solve problems based on simple graphs, charts, and tables.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 25, 26</p>	
	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math Concept 4: Vertex-Edge Graphs</b></p>	<p>PO 1. Color pictures with the least number of colors so that no common edges share the same color (increased complexity throughout grade levels).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 25, 26</p> <p><b><u>Lessons:</u></b> Lessons 25, 26</p>	
	<p><b>Strand 3: Patterns, Algebra, &amp; Functions Concept 1: Patterns</b></p>	<p>PO 1. Communicate orally a grade-level appropriate pattern.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 25, 26</p>	

	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 1:</b>  <b>Geometric Properties</b></p>	<p>PO 2. Extend simple repetitive patterns using manipulatives.</p> <p>PO 3. Create grade-level appropriate patterns.</p> <p>PO 1. Identify 2-dimensional shapes by attribute (size, shape, number of sides).</p> <p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul> <p>PO 3. Identify shapes in different environments (e.g., nature, buildings, classroom).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 14, 15, 19, 23, 29</p> <p><b><u>Lessons:</u></b>  Lessons 23, 28</p> <p><b><u>Lessons:</u></b>  Lessons 19</p> <p><b><u>Lessons:</u></b>  Lessons 23</p> <p><b><u>Lessons:</u></b>  Lessons 13, 16, 17, 23, 24, 27, 28</p> <p><b><u>Lessons:</u></b>  Lessons 16, 17, 23, 24</p>	
	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 4:</b>  <b>Measurement</b>  - Units of Measure  - Geometric Objects</p>	<p>PO 1. Verbally compare objects according to observable and measurable attributes.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 16, 17, 23, 24</p>	

	<p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 1. Sort objects according to observable attributes.</p> <p>PO 2. Provide rationale for classifying objects according to observable attributes (color, size, shape, weight, etc.).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>		
<p><b>October</b></p>	<p><b>Strand 1: Number Sense and Operation</b>  <b>Concept 1: Number Sense</b></p>	<p>PO 1. Make a model to represent a given whole number 0 through 20.</p> <p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p> <p>PO 5. Write whole numbers through 20 in or out of order.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 40A, 42</p> <p><b><u>Lessons:</u></b>  Lessons 33, 35, 36, 38, 39, 42</p> <p><b><u>Lessons:</u></b>  Lessons 35, 36, 38, 40A, 41, 44</p> <p><b><u>Lessons:</u></b>  Lessons 33, 35, 36, 38, 39, 42</p> <p><b><u>Lessons:</u></b>  Lessons 42</p> <p><b><u>Lessons:</u></b>  Lessons 35, 36, 38, 39, 40A,</p>	<p>Saxon Online Activities</p>

	<p><b>Strand 1: Number Sense &amp; Operation</b>  <b>Concept 2: Numerical Operations</b></p>	<p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square\square+\square</math>).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p>42, 44</p> <p><b>Lessons:</b>  Lessons 37, 46</p>	
<p>PO 8. Recognize the ordinal numbers through fifth (e.g., first, second, third).</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 35, 36, 38</p>		
<p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 41</p>		
<p>PO 10. Identify penny, nickel, dime, quarter, and dollar by using manipulatives or pictures.</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 44</p>		
<p>PO 1. Model addition through sums of 10 using manipulatives.</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 44</p>		
<p>PO 2. Model subtraction with minuends of 10 using manipulatives.</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 44</p>		
<p>PO 4. Solve word problems presented orally using addition or subtraction with numbers through 9.</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 31, 32, 37, 42, 43, 44, 45, 46</p>		
<p>PO 6. Use grade-level appropriate mathematical terminology.</p>		<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b>Lessons:</b>  Lessons 44</p>		

<p><b>Strand 1: Number Sense and Operation</b> <b>Concept 3: Estimation</b></p> <p><b>Strand 3: Patterns, Algebra, &amp; Functions</b> <b>Concept 1: Patterns</b></p> <p><b>Strand 4: Geometry and Measurement</b> <b>Concept 1: Geometric Properties</b></p> <p><b>Strand 4: Geometry and Measurement</b> <b>Concept 4: Measurement</b> - Units of Measure - Geometric Objects</p> <p><b>Strand 5: Structure</b></p>	<p>PO 1. Solve problems using a variety of mental computations and reasonable estimations.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 33</p> <p><b>Lessons:</b> Lessons 33</p> <p><b>Lessons:</b> Lessons 31, 37, 43</p> <p><b>Lessons:</b> Lessons 32, 37, 43, 46</p>
	<p>PO 1. Communicate orally a grade-level appropriate pattern.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 31, 37, 43</p>
	<p>PO 3. Create grade-level appropriate patterns.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 32, 37, 43, 46</p>
	<p>PO 1. Identify 2-dimensional shapes by attribute (size, shape, number of sides).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 31</p>
	<p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 32, 43</p>
	<p>PO 3. Identify shapes in different environments (e.g., nature, buildings, classroom).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 32, 34, 37, 40A, 41, 43, 44</p>
	<p>PO 1. Verbally compare objects according to observable and measurable attributes.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 32, 34, 43</p>

	<b>and Logic Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b>	<p>PO 1. Sort objects according to observable attributes.</p> <p>PO 2. Provide rationale for classifying objects according to observable attributes (color, size, shape, weight, etc.).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>		
<b>November</b>	<b>Strand 1: Number Sense and Operation Concept 1: Number Sense</b>	<p>PO 1. Make a model to represent a given whole number 0 through 20.</p> <p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p> <p>PO 5. Write whole numbers through 20 in or out of order.</p> <p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square+\square</math>).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 48, 50A, 61</p> <p><b><u>Lessons:</u></b> Lessons 48, 49, 50, 50A, 51, 59, 61</p> <p><b><u>Lessons:</u></b> Lessons 48, 49, 51, 58, 61</p> <p><b><u>Lessons:</u></b> Lessons 48, 49, 50, 50A, 51, 59, 61</p> <p><b><u>Lessons:</u></b> Lessons 49, 50, 51, 59, 61</p> <p><b><u>Lessons:</u></b> Lessons 48, 50A, 61</p> <p><b><u>Lessons:</u></b></p>	Saxon Online Activities

	<p><b>Strand 1: Number Sense and Operation</b> <b>Concept 2: Numerical Operations</b></p>	<p>PO 8. Recognize the ordinal numbers through fifth (e.g., first, second, third).</p> <p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p> <p>PO 6. Use grade-level appropriate mathematical terminology.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p>Lessons 59</p> <p><b><u>Lessons:</u></b> Lessons 48</p> <p><b><u>Lessons:</u></b> Lessons 47, 48, 49, 51, 54, 55 56, 57, 59, 61</p> <p><b><u>Lessons:</u></b> Lessons 58</p>	
	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b> <b>Concept 1: Data Analysis (Statistics)</b></p>	<p>PO 2. Interpret a pictograph.</p> <p>PO 3. Answer questions about a pictograph.</p> <p>PO 4. Formulate questions based on data displayed in graphs, charts, and tables.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 58</p> <p><b><u>Lessons:</u></b> Lessons 58</p> <p><b><u>Lessons:</u></b> Lessons 52, 55</p>	
	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b> <b>Concept 4: Vertex-Edge Graphs</b></p>	<p>PO 1. Color pictures with the least number of colors so that no common edges share the same color (increased complexity throughout grade levels).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 52, 55, 56</p> <p><b><u>Lessons:</u></b> Lessons 52, 55</p>	

	<p><b>Strand 3: Patterns, Algebra, &amp; Functions</b> <b>Concept 1: Patterns</b></p>	<p>PO 1. Communicate orally a grade-level appropriate pattern.</p> <p>PO 2. Extend simple repetitive patterns using manipulatives.</p> <p>PO 3. Create grade-level appropriate patterns.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 52, 55</p> <p><b><u>Lessons:</u></b> Lessons 54, 56, 57</p> <p><b><u>Lessons:</u></b> Lessons 53, 59</p>	
	<p><b>Strand 4: Geometry and Measurement</b> <b>Concept 1: Geometric Properties</b></p>	<p>PO 1. Identify 2-dimensional shapes by attribute (size, shape, number of sides).</p> <p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul> <p>PO 3. Identify shapes in different environments (e.g., nature, buildings, classroom).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 61</p> <p><b><u>Lessons:</u></b> Lessons 54, 57</p> <p><b><u>Lessons:</u></b> Lessons 53</p>	
	<p><b>Strand 4: Geometry and Measurement</b> <b>Concept 4: Measurement</b> <b>- Units of Measure</b> <b>- Geometric Objects</b></p>	<p>PO 1. Verbally compare objects according to observable and measurable attributes.</p> <p>PO 2. Communicate orally how different attributes of an object can be measured.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 53</p> <p><b><u>Lessons:</u></b> Lessons 50A, 54, 58, 60, 60A</p>	

	<p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 3. Order objects according to observable and measurable attributes.</p> <p>PO 1. Sort objects according to observable attributes.</p> <p>PO 2. Provide rationale for classifying objects according to observable attributes (color, size, shape, weight, etc.).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 54, 60A</p>	
<p><b>December</b></p>	<p><b>Strand 1: Number Sense and Operation</b>  <b>Concept 1: Number Sense</b></p>	<p>PO 1. Make a model to represent a given whole number 0 through 20.</p> <p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p> <p>PO 5. Write whole numbers through 20 in or out of order.</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 62, 69, 71, 73</p> <p><b><u>Lessons:</u></b>  Lessons 62, 65, 66, 67, 68, 69, 71, 73, 74</p> <p><b><u>Lessons:</u></b>  Lessons 62, 64, 65, 67, 68, 69, 71, 72, 73</p> <p><b><u>Lessons:</u></b>  Lessons 62, 65, 66, 67, 69, 71, 73, 74</p> <p><b><u>Lessons:</u></b>  Lessons 62, 67, 68, 69, 71</p> <p><b><u>Lessons:</u></b></p>	<p>Saxon Online Activities</p>

	<p><b>Strand 1: Number Sense and Operation Concept 2: Numerical Operations</b></p> <p><b>Strand 1: Number Sense and Operation Concept 3: Estimation</b></p> <p><b>Strand 2: Data Analysis, Probability, and Discrete Math Concept 1: Data Analysis (Statistics)</b></p>	<p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square\square+\square</math>).</p> <p>PO 7. Compare two whole numbers through 20.</p> <p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p> <p>PO 10. Identify penny, nickel, dime, quarter, and dollar by using manipulatives or pictures.</p> <p>PO 6. Use grade-level appropriate mathematical terminology.</p> <p>PO 1. Solve problems using a variety of mental computations and reasonable estimations.</p> <p>PO 3. Answer questions about a pictograph.</p>	<p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p>Lessons 62, 64, 69, 71, 73, 74</p> <p><b><u>Lessons:</u></b> Lessons 71, 73</p> <p><b><u>Lessons:</u></b> Lessons 73, 74</p> <p><b><u>Lessons:</u></b> Lessons 65, 67, 68</p> <p><b><u>Lessons:</u></b> Lessons 62, 65, 67, 68, 69, 72, 74</p> <p><b><u>Lessons:</u></b> Lessons 64, 73</p> <p><b><u>Lessons:</u></b> Lessons 69, 73</p> <p><b><u>Lessons:</u></b> Lessons 69, 73</p>	
--	---	--	--	--	--

	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b>  <b>Concept 4: Vertex-Edge Graphs</b></p>	<p>PO 4. Formulate questions based on data displayed in graphs, charts, and tables.</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 70A</p>	
		<p>PO 1. Color pictures with the least number of colors so that no common edges share the same color (increased complexity throughout grade levels).</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 66, 70A</p> <p><b><u>Lessons:</u></b>  Lessons 70A</p>	
	<p><b>Strand 3: Patterns, Algebra, &amp; Functions</b>  <b>Concept 1: Patterns</b></p>	<p>PO 1. Communicate orally a grade-level appropriate pattern.</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 66, 70A</p>	
		<p>PO 2. Extend simple repetitive patterns using manipulatives.</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 63</p>	
		<p>PO 3. Create grade-level appropriate patterns.</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 71, 72</p>	
	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 1: Geometric Properties</b></p>	<p>PO 1. Identify 2-dimensional shapes by attribute (size, shape, number of sides).</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 72</p>	
		<p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 73</p>	

	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 4:</b>  <b>Measurement</b>  - Units of Measure  - Geometric Objects</p> <p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 2. Communicate orally how different attributes of an object can be measured.</p> <p>PO 3. Order objects according to observable and measurable attributes.</p> <p>PO 1. Sort objects according to observable attributes.</p>	<p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math k Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 62, 64, 65, 67, 68, 69, 71, 73</p>	
<p><b>January</b></p>	<p><b>Strand 1: Number Sense and Operation</b>  <b>Concept 1: Number Sense</b></p>	<p>PO 1. Make a model to represent a given whole number 0 through 20.</p> <p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 75</p> <p><b><u>Lessons:</u></b>  Lessons 75, 76</p> <p><b><u>Lessons:</u></b>  Lessons 78</p> <p><b><u>Lessons:</u></b>  Lessons 75, 76</p> <p><b><u>Lessons:</u></b></p>	<p>Saxon Online Activities</p>

	<p><b>Strand 1: Number Sense and Operation</b> <b>Concept 2: Numerical Operations</b></p>	<p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square\square+\square</math>).</p> <p>PO 8. Recognize the ordinal numbers through fifth (e.g., first, second, third).</p> <p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p>Lessons 73, 75, 76</p> <p><b>Lessons:</b> Lessons 80A</p> <p><b>Lessons:</b> Lessons 75</p> <p><b>Lessons:</b> Lessons 78</p> <p><b>Lessons:</b> Lessons 75, 76, 77, 78, 81, 83, 84, 85, 86, 87</p>	
	<p><b>Strand 2: Data Analysis, Probability, and Discrete Math</b> <b>Concept 1: Data Analysis (Statistics)</b></p>	<p>PO 3. Select the operation to solve word problems using numbers 0 through 9.</p> <p>PO 6. Use grade-level appropriate mathematical terminology.</p> <p>PO 1. Formulate questions to collect data in contextual situations.</p> <p>PO 2. Interpret a pictograph.</p> <p>PO 3. Answer questions about a pictograph.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b>Lessons:</b> Lessons 82</p> <p><b>Lessons:</b> Lessons 82</p> <p><b>Lessons:</b> Lessons 82</p>	

	<p><b>Strand 4: Geometry and Measurement Concept 1: Geometric Properties</b></p>	<p>PO 4. Formulate questions based on data displayed in graphs, charts, and tables.</p> <p>PO 1. Identify 2-dimensional shapes by attribute (size, shape, number of sides).</p> <p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 85</p> <p><b><u>Lessons:</u></b> Lessons 83, 84, 87</p> <p><b><u>Lessons:</u></b> Lessons 83, 84, 85, 87</p> <p><b><u>Lessons:</u></b> Lessons 87</p> <p><b><u>Lessons:</u></b> Lessons 85</p> <p><b><u>Lessons:</u></b> Lessons 85</p>	
	<p><b>Strand 4: Geometry and Measurement Concept 4: Measurement - Units of Measure - Geometric Objects</b></p>	<p>PO 1. Verbally compare objects according to observable and measurable attributes.</p> <p>PO 3. Order objects according to observable and measurable attributes.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 85</p> <p><b><u>Lessons:</u></b> Lessons 85</p>	
	<p><b>Strand 5: Structure and Logic Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 1. Sort objects according to observable attributes.</p> <p>PO 2. Provide rationale for classifying objects according to observable attributes (color, size, shape, weight, etc.).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>		

<p><b>February</b></p>	<p><b>Strand 1: Number Sense &amp; Operations</b> <b>Concept 1: Number Sense</b></p>	<p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p> <p>PO 5. Write whole numbers through 20 in or out of order.</p> <p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square\square+\square</math>).</p> <p>PO 7. Compare two whole numbers through 20.</p> <p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p> <p>PO 10. Identify penny, nickel, dime, quarter, and dollar by using manipulatives or pictures.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 91, 92, 93, 94, 95, 96, 98, 99</p> <p><b><u>Lessons:</u></b> Lessons 89, 91, 92, 94, 96</p> <p><b><u>Lessons:</u></b> Lessons 91, 93, 94, 95, 96, 98, 99</p> <p><b><u>Lessons:</u></b> Lessons 92, 94, 96, 98, 99</p> <p><b><u>Lessons:</u></b> Lessons 89, 97, 98, 99</p> <p><b><u>Lessons:</u></b> Lessons 99</p> <p><b><u>Lessons:</u></b> Lessons 98</p> <p><b><u>Lessons:</u></b> Lessons 91, 92, 94</p> <p><b><u>Lessons:</u></b> Lessons 89</p>	<p>Saxon Online Activities</p>
------------------------	--	--	---	--	--------------------------------

<p><b>Strand 1: Number Sense &amp; Operation</b> <b>Concept 2: Numerical Operations</b></p>	<p>PO 1. Model addition through sums of 10 using manipulatives.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 89</p>
	<p>PO 2. Model subtraction with minuends of 10 using manipulatives.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 98, 99</p>
	<p>PO 3. Select the operation to solve word problems using numbers 0 through 9.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 89</p>
	<p>PO 4. Solve word problems presented orally using addition or subtraction with numbers through 9.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 88, 91, 92, 93, 94, 96, 97, 98, 99</p>
	<p>PO 6. Use grade-level appropriate mathematical terminology.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 89, 98, 99</p>
	<p><b>Strand 1: Number Sense and Operation</b> <b>Concept 3: Estimation</b></p>	<p>PO 1. Solve problems using a variety of mental computations and reasonable estimations.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>
<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b> <b>Concept 1: Data Analysis (Statistics)</b></p>	<p>PO 3. Answer questions about a pictograph.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 90A</p>
	<p>PO 4. Formulate questions based on data displayed in graphs, charts, and tables.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b></p>

	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math</b>  <b>Concept 4: Vertex-Edge Graphs</b></p> <p><b>Strand 3: Patterns, Algebra, &amp; Functions</b>  <b>Concept 1: Patterns</b></p> <p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 1: Geometric Properties</b></p>	<p>PO 5. Solve problems based on simple graphs, charts and tables.</p> <p>PO 1. Color pictures with the least number of colors so that no common edges share the same color (increased complexity throughout grade levels).</p> <p>PO 1. Communicate orally a grade-level appropriate pattern.</p> <p>PO 2. Extend simple repetitive patterns using manipulatives.</p> <p>PO 3. Create grade-level appropriate patterns.</p> <p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul> <p>PO 3. Identify shapes in different environments (e.g., nature, buildings, classroom).</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p>Lessons 90A</p> <p><b><u>Lessons:</u></b> Lessons 88, 95, 101</p> <p><b><u>Lessons:</u></b> Lessons 88, 95, 101</p> <p><b><u>Lessons:</u></b> Lessons 88, 95, 101</p> <p><b><u>Lessons:</u></b> Lessons 88, 95, 101</p> <p><b><u>Lessons:</u></b> Lessons 93</p> <p><b><u>Lessons:</u></b></p>	
--	---	---	--	---	--

	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 4: Measurement</b>  - Units of Measure  - Geometric Objects</p> <p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 1. Verbally compare objects according to observable and measurable attributes.</p> <p>PO 1. Sort objects according to observable attributes.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p>Lessons 93</p> <p><b><u>Lessons:</u></b>  Lessons 93</p> <p><b><u>Lessons:</u></b>  Lessons 92, 94, 96</p>	
<p><b>March</b></p>	<p><b>Strand 1: Number Sense &amp; Operations</b>  <b>Concept 1: Number Sense</b></p>	<p>PO 1. Make a model to represent a given whole number 0 through 20.</p> <p>PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)</p> <p>PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).</p> <p>PO 4. Identify whole numbers through 20 in or out of order.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 109</p> <p><b><u>Lessons:</u></b>  Lessons 102, 103, 105, 107, 109, 111</p> <p><b><u>Lessons:</u></b>  Lessons 109</p> <p><b><u>Lessons:</u></b>  Lessons 102, 103, 105, 107, 109, 111</p>	<p>Saxon Online Activities</p>

	<p><b>Strand 1: Number Sense &amp; Operation Concept 2: Numerical Operations</b></p> <p><b>Strand 1: Number Sense and Operation Concept 3: Estimation</b></p> <p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math Concept 1: Data</b></p>	<p>PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., <math>\square\square+\square\square=\square\square\square+\square</math>).</p> <p>PO 7. Compare two whole numbers through 20.</p> <p>PO 9. Order three or more whole numbers through 20 (least to greatest or greatest to least).</p> <p>PO 10. Identify penny, nickel, dime, quarter, and dollar by using manipulatives or pictures.</p> <p>PO 6. Use grade-level appropriate mathematical terminology.</p> <p>PO 1. Solve problems using a variety of mental computations and reasonable estimations.</p> <p>PO 2. Interpret a pictograph.</p> <p>PO 3. Answer questions about a</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K</b></p>	<p><b><u>Lessons:</u></b> Lessons 102, 109, 111</p> <p><b><u>Lessons:</u></b> Lessons 102, 109</p> <p><b><u>Lessons:</u></b> Lessons 111</p> <p><b><u>Lessons:</u></b> Lessons 110A, 113</p> <p><b><u>Lessons:</u></b> Lessons 102, 103, 104, 105, 106, 108, 109, 111, 112, 113, 114, 115</p> <p><b><u>Lessons:</u></b> Lessons 110A</p> <p><b><u>Lessons:</u></b> Lessons 107</p> <p><b><u>Lessons:</u></b> Lessons 107, 113</p> <p><b><u>Lessons:</u></b></p>	
--	---	---	---	---	--



	Reasoning, Arguments, and Mathematical Proof				
<b>April</b>	<b>Strand 1: Number Sense &amp; Operations Concept 1: Number Sense</b>	PO 2. Identify orally a whole number represented by a model with a word name and symbol 0 through 20. (Say 3 and write number 3 when presented with three objects.)	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 116	Saxon Online Activities
		PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 119, 121, 122, 125, 126	
		PO 4. Identify whole numbers through 20 in or out of order.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 116	
		PO 5. Write whole numbers through 20 in or out of order.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 116	
		PO 6. Construct equivalent forms of whole numbers, using manipulatives, through 10 (e.g., $\square\square+\square\square=\square\square\square+\square$ ).	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 119, 125	
		PO 10. Identify penny, nickel, dime, quarter, and dollar by using manipulatives or pictures.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 116	
	<b>Strand 1: Number Sense &amp; Operation Concept 2: Numerical Operations</b>	PO 1. Model addition through sums of 10 using manipulatives.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 119, 121	
		PO 2. Model subtraction with minuends of 10 using manipulatives.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b>Lessons:</b> Lessons 127, 128	

	<p><b>Strand 1: Number Sense and Operation Concept 3: Estimation</b></p>	<p>PO 3. Select the operation to solve word problems using numbers 0 through 9.</p> <p>PO 4. Solve word problems presented orally using addition or subtraction with numbers through 9.</p> <p>PO 6. Use grade-level appropriate mathematical terminology.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 117, 118</p> <p><b><u>Lessons:</u></b> Lessons 119, 121, 127, 128</p> <p><b><u>Lessons:</u></b> Lessons 116, 119, 121, 123, 124, 125, 126, 127, 128, 129</p> <p><b><u>Lessons:</u></b> Lessons 117, 118, 119, 122, 126, 127, 128</p>	
	<p><b>Strand 2: Data Analysis, Probability, &amp; Discrete Math Concept 1: Data Analysis (Statistics)</b></p>	<p>PO 1. Solve problems using a variety of mental computations and reasonable estimations.</p> <p>PO 3. Answer questions about a pictograph.</p> <p>PO 4. Formulate questions based on data displayed in graphs, charts, and tables.</p>	<p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p>	<p><b><u>Lessons:</u></b> Lessons 122</p> <p><b><u>Lessons:</u></b> Lessons 122</p> <p><b><u>Lessons:</u></b></p>	

	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 1: Geometric Properties</b></p>	<p>PO 2. Identify concepts and terms of position and size in contextual situations:</p> <ul style="list-style-type: none"> <li>• Inside/outside,</li> <li>• Above/below/between,</li> <li>• Smaller/larger, and</li> <li>• Longer/shorter.</li> </ul> <p>PO 3. Identify shapes in different environments (e.g., nature, buildings, classroom).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p>Lessons 120A, 131</p> <p><b><u>Lessons:</u></b>  Lessons 123</p> <p><b><u>Lessons:</u></b>  Lessons 120A, 123, 131</p> <p><b><u>Lessons:</u></b>  Lessons 126</p> <p><b><u>Lessons:</u></b>  Lessons 123</p> <p><b><u>Lessons:</u></b>  Lessons 119, 121, 122, 123,  126</p>	
	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 4: Measurement</b>  - Units of Measure  - Geometric Objects</p>	<p>PO 1. Verbally compare objects according to observable and measurable attributes.</p> <p>PO 2. Communicate orally how different attributes of an object can be measured.</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 126</p>	
	<p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p>	<p>PO 1. Sort objects according to observable attributes.</p> <p>PO 2. Provide rationale for classifying objects according to observable attributes (color, size, shape, weight, etc.).</p>	<p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b>  (West Sedona)  (Big Park)</p>	<p><b><u>Lessons:</u></b>  Lessons 123</p> <p><b><u>Lessons:</u></b>  Lessons 119, 121, 122, 123,  126</p>	

<b>May</b>	<b>Strand 1: Number Sense &amp; Operations Concept 1: Number Sense</b>	PO 3. Count aloud, forward to 20 or backward from 10, in consecutive order (0 through 20).	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 134	Saxon Online Activities
	<b>Strand 1: Number Sense &amp; Operation Concept 2: Numerical Operations</b>	PO 3. Select the operation to solve word problems using numbers 0 through 9.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 132	
	<b>Strand 1: Number Sense and Operation Concept 3: Estimation</b>	PO 6. Use grade-level appropriate mathematical terminology.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 131, 133, 134	
	<b>Strand 2: Data Analysis, Probability, &amp; Discrete Math Concept 1: Data Analysis (Statistics)</b>	PO 1. Solve problems using a variety of mental computations and reasonable estimations.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 131, 132	
		PO 1. Formulate questions to collect data in contextual situations.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 135	
		PO 2. Interpret a pictograph.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 135	
		PO 3. Answer questions about a pictograph.	<b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)	<b><u>Lessons:</u></b> Lessons 135	
		PO 4. Formulate questions based on data displayed	<b>Saxon Math K Second Edition ©2001</b>		

	<p><b>Strand 4: Geometry and Measurement</b>  <b>Concept 4: Measurement</b>  - Units of Measure  - Geometric Objects</p> <p><b>Strand 5: Structure and Logic</b>  <b>Concept 2: Logic, Reasoning, Arguments, and Mathematical Proof</b></p> <p><b>Strand 2: Data Analysis, Probability, and Discrete Math</b>  <b>Concept 3: Discrete Mathematics – Systematic Listing and Counting</b></p>	<p>in graphs, charts, and tables.</p> <p>PO 5. Solve problems based on simple graphs, charts, and tables.</p> <p>PO 2. Communicate orally how different attributes of an object can be measured.</p> <p>PO 1. Sort objects according to observable attributes.</p> <p>PO 1. Make arrangements that represent the number of combinations that can be formed by pairing items taken from 2 sets, using manipulatives (e.g., How many outfits can one make with 2 different color shirts and 2 different pairs of pants?)</p>	<p>(West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p><b>Saxon Math K Second Edition ©2001</b> (West Sedona) (Big Park)</p> <p>(Falls outside of Saxon scope)</p>	<p><b><u>Lessons:</u></b> Lessons 135</p> <p><b><u>Lessons:</u></b> Lessons 133</p> <p><b><u>Lessons:</u></b> Lessons 134</p> <p><b><u>Lessons:</u></b> Paper Doll Manipulatives</p>	
--	---	--	--	--	--

