

# Kindergarten – Mathematics Curriculum

Click [here](#) for full text of Alaska Kindergarten Standards.

<b>Instructional Focus</b>		<b>Grade Level Clusters</b>		
Representing, relating, and operating on whole numbers, initially with sets of objects		<ul style="list-style-type: none"> <li>• Know number names and the count sequence</li> <li>• Count to tell the number of objects</li> <li>• Compare numbers</li> <li>• Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from</li> <li>• Identify and continue patterns</li> <li>• Work with numbers 11-19 to gain foundations for place value</li> <li>• Describe and compare measureable attributes</li> <li>• Classify objects and count the number of objects in each category</li> <li>• Work with time and money</li> <li>• Identify and describe shapes</li> <li>• Analyze, compare, create, and compose shapes</li> </ul>		
Describing shapes and space				
<p><b>Mathematical Practice Standards:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <ol style="list-style-type: none"> <li>1. Make sense of problems and persevere in solving them</li> <li>2. Reason abstractly and quantitatively</li> <li>3. Construct viable arguments and critique reasoning of others</li> <li>4. Model with mathematics</li> </ol> </td> <td style="width: 50%; border: none;"> <ol style="list-style-type: none"> <li>5. Use appropriate tools strategically</li> <li>6. Attend to precision</li> <li>7. Look for and make use of structure</li> <li>8. Look for and express regularity in repeated reasoning</li> </ol> </td> </tr> </table>			<ol style="list-style-type: none"> <li>1. Make sense of problems and persevere in solving them</li> <li>2. Reason abstractly and quantitatively</li> <li>3. Construct viable arguments and critique reasoning of others</li> <li>4. Model with mathematics</li> </ol>	<ol style="list-style-type: none"> <li>5. Use appropriate tools strategically</li> <li>6. Attend to precision</li> <li>7. Look for and make use of structure</li> <li>8. Look for and express regularity in repeated reasoning</li> </ol>
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<p><b>District Instructional Materials (Core)</b> Pearson – <i>enVisionmath 2.0</i>, © 2016</p>	<p><b>Pacing Guide</b> Trimester 1: Topics 1-5 Trimester 2: Topics 6-9 Trimester 3: Topics 10-14</p> <p>Click <a href="#">here</a> for interactive guide.</p>	<p><b>AK Standards to be Supplemented</b></p> <p>K.OA.6 K.MD.4 K.MD.5. K.MD.6</p>		
<p><b>Cumulative/Benchmark Assessments</b></p> <ul style="list-style-type: none"> <li>• Administer electronically as prescribed by <i>enVisionmath 2.0</i> Teacher’s Edition</li> <li>• Submit data (Class Results, Class Mastery) to building administrator</li> </ul>		<p><b>Required Fluency:</b> K.OA - Add/subtract up to 5</p>		