

# Kindergarten Math Syllabus

Investigations Units Covered	Math Concepts
<b>Unit 1 Who is in School Today? (Classroom Routines and Materials)</b>	<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>• Classify objects and count the number of objects in each category</li> <li>• Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres)</li> </ul>
<b>Unit 2 Counting and Comparing (Measurement and the Number System 1)</b>	<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>• Describe and compare measurable attributes</li> <li>• Classify objects and count the number of objects in each category</li> <li>• Identify and describe shapes (see list above)</li> </ul>
<b>Unit 3 What Comes Next? (Patterns and Functions)</b>	<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>• Classify objects and count the number of objects in each category</li> <li>• Identify and describe shapes (see list above)</li> </ul>
<b>Unit 4 Measuring and Counting (Measurement and the Number System 2)</b>	<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>• Describe and compare measurable attributes</li> <li>• Classify objects and count the number of objects in each category</li> <li>• Identify and describe shapes (see list above)</li> </ul>
<b>Unit 5 Make a Shape, Build a Block (2-D and 3-D Geometry)</b>	<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>• Classify objects and count the number</li> </ul>

	<p>of objects in each category</p> <ul style="list-style-type: none"> <li>• Identify and describe shapes (see list above)</li> <li>• Analyze, compare, create, and compose shapes</li> </ul>
<p><b>Unit 6 How Many Do You Have? (Addition, Subtraction and the Number System)</b></p>	<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>• Work with numbers 11-19 to gain foundations for place value</li> <li>• Describe and compare measurable attributes</li> <li>• Classify objects and count the number of objects in each category</li> </ul>
<p><b>Unit 7 Sorting and Surveys (Data Analysis)</b></p>	<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>• Classify objects and count the number of objects in each category</li> </ul>