## Kindergarten Math Syllabus

<table>
<thead>
<tr>
<th>Investigations Units Covered</th>
<th>Math Concepts</th>
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| **Unit 1 Who is in School Today? (Classroom Routines and Materials)** | - Know number names and the count sequence  
- Count to tell the number of objects  
- Classify objects and count the number of objects in each category  
- Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres) |
| **Unit 2 Counting and Comparing (Measurement and the Number System 1)** | - Know number names and the count sequence  
- Count to tell the number of objects  
- Compare numbers  
- Describe and compare measurable attributes  
- Classify objects and count the number of objects in each category  
- Identify and describe shapes (see list above) |
| **Unit 3 What Comes Next? (Patterns and Functions)** | - Know number names and the count sequence  
- Count to tell the number of objects  
- Compare numbers  
- Classify objects and count the number of objects in each category  
- Identify and describe shapes (see list above) |
| **Unit 4 Measuring and Counting (Measurement and the Number System 2)** | - Know number names and the count sequence  
- Count to tell the number of objects  
- Compare numbers  
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from  
- Describe and compare measurable attributes  
- Classify objects and count the number of objects in each category  
- Identify and describe shapes (see list above) |
| **Unit 5 Make a Shape, Build a Block (2-D and 3-D Geometry)** | - Know number names and the count sequence  
- Count to tell the number of objects  
- Compare numbers  
- Classify objects and count the number of objects in each category  
- Identify and describe shapes (see list above) |
| Unit 6 How Many Do You Have?  
(Addition, Subtraction and the Number System) | of objects in each category  
- Identify and describe shapes (see list above)  
- Analyze, compare, create, and compose shapes  
- Know number names and the count sequence  
- Count to tell the number of objects  
- Compare numbers  
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from  
- Work with numbers 11-19 to gain foundations for place value  
- Describe and compare measurable attributes  
- Classify objects and count the number of objects in each category |
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| Unit 7 Sorting and Surveys  
(Data Analysis) | of objects in each category  
- Know number names and the count sequence  
- Count to tell the number of objects  
- Compare numbers  
- Classify objects and count the number of objects in each category |