

Kindergarten Math Timeline

Content Area: **Mathematics**
 Course(s): **Math Kindergarten**
 Time Period: **36 Weeks**
 Length: **180 days**
 Status: **Published**

Mandated Course of Study/Topical Outline with Timeline

Unit	Topic	Days
Numbers 0-5	<ul style="list-style-type: none"> • Count, Recognize, Read and Write 1,2 and 3 • Count, Recognize, Read and Write 4 and 5 • Identify, Read and Write 0 • Problem Solving Strategy: Construct Arguments • Equal Groups • Greater Than • Less Than • Compare Groups to 5 by Counting • Problem Solving Strategy: Model with Math 	25 Days
Working to 10	<ul style="list-style-type: none"> • Count, Read, Make and Write Numbers 6-10 • Count Numbers to 10 • Problem Solving Strategy: Look For and Use Structure • Compare Groups to 10 by Matching • Compare Numbers Using Numerals to 10 • Compare Groups to 10 by Counting • Problem Solving Strategy: Repeated Reasoning • Classify Objects Into Categories • Count the Numbers of Objects in Each Category • Sort the Categories by Counting 	25 Days

<p>Introducing Addition and Subtraction</p>	<ul style="list-style-type: none"> • Explore Addition • Represent Addition as Adding To and Putting Together • Represent and Explain Addition with Equations • Solve Addition Word Problems • Use Patterns to Develop Fluency in Addition • Problem Solving Strategy: Model with Math • Explore Subtraction • Represent Subtraction as Taking Apart and Taking From • Represent and Explain Subtraction with Equations • Solve Subtraction Word Problems • Use Patterns to Develop Fluency in Subtraction • Problem Solving: Use Appropriate Tools • Decompose Numbers 6-10 to Solve Problems • Ways to Make 10 • Find the Missing Part of 10 • Problem Solving Reasoning 	<p>42 Days</p>
<p>Working to 20</p>	<ul style="list-style-type: none"> • Count, Read and Write 11-20 • Count Forward from Any Number to 20 • Count to Find How Many • Problem Solving Strategy: Reasoning • Make Numbers 11-19 • Find Parts of 11-19 • Problem Solving Strategy: Look For and Use Structure 	<p>26 Days</p>
<p>Working to 100</p>	<ul style="list-style-type: none"> • Count Using Patterns to 30 	<p>12 Days</p>

	<ul style="list-style-type: none"> • Count by Ones and By Tens to 50 • Count by Tens to 100 • Count by Ones to 100 • Problem Solving Strategy: Look For and Use Structure 	
Understanding Shapes	<ul style="list-style-type: none"> • Two-Dimensional (2-D) and Three-Dimensional (3-D) Shapes • Circles and Triangles • Squares and Other Rectangles • Hexagons • Solid Figures • Describe Shapes in the Environment • Problem Solving Strategy: Precision • Analyze and Compare Two-Dimensional (2-D) Shapes • Analyze and Compare Three-Dimensional (3-D) Shapes • Compare 2-D and 3-D Shapes • Problem Solving Strategy: Make Sense and Persevere • Make 2-D Shapes from Other 2-D Shapes • Build 2-D Shapes • Build 3-D Shapes 	26 Days
Introducing Measurement	<ul style="list-style-type: none"> • Describe and Compare by Length and Height • Describe and Compare by Capacity • Describe and Compare by Weight • Describe Objects by Measurable Attributes • Describe and Compare by Measurable Attributes • Problem Solving Strategy: Precision 	11 Days

Step Up to Grade 1	<ul style="list-style-type: none">•• Put Together• Take From• Facts with 5 on a Ten-Frame• Add in Any Order• Think Addition to Subtract• Add Three Numbers• Count by 10s to 120• Count by 1s to 120• Tens and Ones• 1 More, 1 Less; 10 More, 10 Less	13 Days
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