

# Kindergarten Math Curriculum Map

Kindergarten mathematics is about:

(1) representing, relating, and operating on whole numbers, initially with sets of objects; and  
 (2) describing shapes and space. More learning time in Kindergarten should be devoted to numbers than other topics.

- [Arizona Mathematics Standards Kindergarten](#)
- The standard number is designed for recording purposes and does not imply instructional sequence or importance.
- Our governing board adopted curriculum resources are Eureka Math and Zearn Math.

Module #	Unit Name	Key Content	Standards
0	Beginning of Year	<ul style="list-style-type: none"> <li>• It is understood that the first two weeks may be spent focusing on routines, expectations and building classroom community.</li> </ul>	
1	Numbers to 10	<ul style="list-style-type: none"> <li>• Attributes of two related objects</li> <li>• Classify to make categories and count</li> <li>• Numbers to 5 in different configurations, math drawings, and expressions</li> <li>• The concept of zero and working with numbers 0-5</li> <li>• Working with numbers 6-8 in different configurations</li> <li>• Working with numbers 9-10 in different configurations</li> <li>• <i>One more</i> with numbers 0-10</li> <li>• <i>One less</i> with numbers 0-10</li> </ul>	K.CC.A.3 K.CC.B.4 K.CC.B.5 K.OA.3 K.MD.3
2	Two-Dimensional and Three-Dimensional Shapes	<ul style="list-style-type: none"> <li>• Two-dimensional flat shapes</li> <li>• Three-dimensional solid shapes</li> <li>• Two-dimensional and three-dimensional shapes</li> </ul>	K.MD.B.3 K.G.A.1 K.G.A.2 K.G.A.3 K.G.B.4
3	Comparison of Length, Weight, Capacity, and Numbers to 10	<ul style="list-style-type: none"> <li>• Comparison of length and height</li> <li>• Comparison of length and height of linking cube sticks within 10</li> <li>• Comparison of weight</li> <li>• Comparison of volume</li> <li>• Are there enough?</li> <li>• Comparison of sets within 10</li> <li>• Comparison of numerals</li> <li>• Clarification of measurable attributes</li> </ul>	K.CC.C.6 K.CC.C.7 K.MD.A.1 K.MD.A.2
4	Number Pairs, Addition and Subtraction to 10	<ul style="list-style-type: none"> <li>• Compositions and decompositions of 2, 3, 4, and 5</li> <li>• Decompositions of 6, 7, and 8 into number pairs</li> <li>• Addition with totals of 6, 7, and 8</li> <li>• Subtraction from numbers to 8</li> <li>• Decompositions of 9 and 10 into number pairs</li> <li>• Addition with totals of 9 and 10</li> <li>• Subtraction from 9 and 10</li> <li>• Patterns with adding 0 &amp; 1 and making 10</li> </ul>	K.OA.A.1 K.OA.A.2 K.OA.A.3 K.OA.A.4 K.OA.A.5 K.NBT.B.2

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5	Numbers 10-20; Count to 100 by Ones and Tens	<ul style="list-style-type: none"><li>• Count 10 ones and some ones</li><li>• Compose numbers 11–20 from 10 ones and some ones; Represent and write teen numbers</li><li>• Decompose numbers 11–20, and count to answer “How Many?” questions in varied configurations</li><li>• Extend the say ten and regular count sequence to 100</li><li>• Represent and apply compositions and decompositions of teen numbers</li></ul>	K.CC.A.1 K.CC.A.2 K.CC.A.3 K.CC.B.4 K.CC.B.5 K.NBT.A.1
6	Analyzing, Comparing, and Composing Shapes	<ul style="list-style-type: none"><li>• Building and Drawing Flat and Solid Shapes</li><li>• Composing and Decomposing Shapes</li></ul>	K.CC.B.4 K.G.B.4 K.G.B.5 K.G.B.6
Zearn	Zearn Digital Activities	<ul style="list-style-type: none"><li>• Digital Activities for K students are designed to build number sense through an intentional progression from Numbers to 5 to Numbers to 20.</li></ul>	

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