

Grade 2 Math Curriculum Map

Grade 2 mathematics is about:

- (1) extending understanding of base-ten notations;
- (2) building fluency with addition and subtraction;
- (3) using standard units of measure; and
- (4) describing and analyzing shapes.

- [Arizona Mathematics Standards Grade 2](#)
- 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"> • It is understood that up to five days may be spent focusing on routines, expectations, and building classroom community. 	
1	Add and Subtract Friendly Numbers	<ul style="list-style-type: none"> • Foundations for fluency with sums and differences within 100 • Initiating fluency with addition and subtraction within 100 	2.OA.1 2.OA.2 2.NBT.5
2	Explore Length	<ul style="list-style-type: none"> • Understand concepts about the ruler • Measure and estimate length using different measurement tools • Measure and compare lengths using different length units • Relate addition and subtraction to length 	2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5 2.MD.6
3	Counting and Place Value	<ul style="list-style-type: none"> • Understanding place value units of one, ten, and a hundred • Three-digit numbers in unit, standard, expanded, and word forms • Modeling base ten numbers within 1,000 with money • Modeling numbers within 1,000 with place value disks • Comparing two three-digit numbers • Finding 1, 10, and 100 more or less than a number 	2.NBT.1 2.NBT.2 2.NBT.3 2.NBT.4
4	Add, Subtract, and Solve	<ul style="list-style-type: none"> • Sums and differences within 100 • Strategies for composing a ten • Strategies for decomposing a ten • Strategies for composing tens and hundreds • Strategies for decomposing tens and hundreds • Student explanations of written methods • 	2.OA.1 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.8 2.NBT.9
5	Add and Subtract Big Numbers	<ul style="list-style-type: none"> • Strategies for adding and subtracting within 1,000 • Strategies for composing tens and hundreds within 1,000 • Strategies for decomposing tens and 	2.NBT.7 2.NBT.8 2.NBT.9

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		<ul style="list-style-type: none"> hundreds within 1,000 Student explanations for choice of solution method 	
6	Equal Groups	<ul style="list-style-type: none"> Formation of equal groups Arrays and equal groups Rectangular arrays as a foundation for multiplication and division The meaning of even and odd numbers 	2.OA.3 2.OA.4 2.G.2
7	Length, Money, and Data	<ul style="list-style-type: none"> Problem solving with categorical data Problem solving with coins and bills Creating an inch ruler Measuring and estimating length using customary and metric units Problem solving with customary and metric units Displaying measurement data 	2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5 2.MD.6 2.MD.8 2.MD.9 2.MD.10
8	Shapes, Time and Fractions	<ul style="list-style-type: none"> Attributes of geometric shapes Composite shapes and fraction concepts Halves, thirds, and fourths of circles and rectangles Application of fractions to tell time 	2.MD.7 2.G.1 2.G.3