

# Grade 4 Math Curriculum Map

Grade 4 mathematics is about:

- (1) developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends;
- (2) developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers; and
- (3) understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

- [Arizona Mathematics Standards Grade 4](#)
- 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>• Up to five days may be spent focusing on routines, expectations, and building classroom community.</li> </ul>	
1	Add, Subtract and Round	<ul style="list-style-type: none"> <li>• Place value of multi-digit whole numbers</li> <li>• Comparing multi-digit whole numbers</li> <li>• Rounding multi-digit whole numbers</li> <li>• Multi-digit whole number subtraction</li> <li>• Addition and subtraction word problems</li> </ul>	4.NBT.A.1 4.NBT.A.2 4.NBT.A.3 4.NBT.B.4 4.OA.A.1
2	Measure and Solve	<ul style="list-style-type: none"> <li>• Metric unit conversions</li> <li>• Application of metric unit conversions</li> </ul>	4.MD.A.1 4.MD.A.2
3	Multiply and Divide Big Numbers	<ul style="list-style-type: none"> <li>• Multiplicative comparison word problems</li> <li>• Multiplication by 10, 100, and 1,000</li> <li>• Multiplication of up to four digits by single-digit numbers</li> <li>• Multiplication word problems</li> <li>• Division of tens and ones with successive remainders</li> <li>• Reasoning with divisibility</li> <li>• Divisions of thousands, hundreds, tens and ones</li> <li>• Multiplication of two-digit by two-digit numbers</li> </ul>	4.OA.A.1 4.OA.A.2 4.OA.A.3 4.NBT.B.5 4.NBT.B.6 4.OA.A.4 4.MD.A.3
4	Construct Lines, Angles, and Shapes	<ul style="list-style-type: none"> <li>• Lines and angles</li> <li>• Angle measurement</li> <li>• Problem solving with the addition of angle measurements</li> <li>• Two-dimensional figures and symmetry</li> </ul>	4.MD.C.5a 4.MD.C.5b 4.MD.C.6 4.MD.C.7 4.G.A.1 4.G.A.2 4.G.A.3
5	Equivalent Fractions	<ul style="list-style-type: none"> <li>• Decomposition and fraction equivalence</li> <li>• Fraction equivalence using multiplication and division</li> </ul>	4.NF.A.1 4.NF.A.2

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		<ul style="list-style-type: none"> <li>• Fraction comparison</li> <li>• Fraction addition and subtraction</li> <li>• Extending fraction equivalence to fractions greater than 1</li> <li>• Addition and subtraction of fractions by decomposition</li> <li>• Repeated addition of fractions as multiplication</li> <li>• Exploring a fraction pattern</li> </ul>	<p>4.NF.B.3a 4.NF.B.3b 4.NF.B.3c 4.NF.B.3d 4.NF.B.4a 4.NF.B.4b 4.NF.B.4c 4.OA.C.5 4.MD.B.4</p>
6	Decimal Fractions	<ul style="list-style-type: none"> <li>• Exploration of tenths</li> <li>• Tenths and hundredths</li> <li>• Decimal comparison</li> <li>• Addition with tenths and hundredths</li> <li>• Money amounts as decimal numbers</li> </ul>	<p>4.NF.C.5 4.NF.C.6 4.NF.C.7 4.MD.A.2</p>
7	Multiply and Measure	<ul style="list-style-type: none"> <li>• Measurement conversion table</li> <li>• Problem solving with measurements</li> <li>• Investigation of measurements expressed as mixed numbers</li> <li>• Year in review</li> </ul>	<p>4.MD.A.1 4.MD.A.2 4.OA.A.1 4.OA.A.2 4.OA.A.3</p>

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