

Swain CORE 2018-2019 Curriculum Map for 6th Grade Mathematics

Unit #/Name	Unit 1 Expressions Equations	Unit 2: Number Sense	Unit 3: Ratios and Proportional Reasoning	Unit 4 Integers	Unit 5 Geometry	Unit 6 Statistics
Big Idea	Expressions and Equations	Number Sense : Decimals Fractions	Ratios/Rates/Unit Rates	Positive Negative Numbers	2-D 3-D Figures Measurement	Collecting, displaying, analyzing data
Timeline	6 weeks	6 weeks	5 weeks	4 weeks	5 weeks	6 weeks
State Standards	6.EE.1 6.EE.2 6.EE.3 6.EE.4 6.EE.5 6.EE.6 6.EE.7 6.EE.8	6.NS.1 6.NS.2 6.NS.3 6.NS.4	6.RP.1 6.RP.2 6.RP.3 6.EE.9	6.NS.5 6.NS.6 6.NS.7 6.NS.8 6.GS.3	6.G.1 6.G.2 6.G.4	6.SP.1 6.SP.2 6.SP.3 6.SP.4 6.SP.5
Related Competencies	Exponents Evaluate Expressions Distributive Property Equivalent Expressions Order of operations	Decimal Place Value Operations with Decimals Understand Fractions Add/Subtract Fractions Multiply Fractions	Ratios Rates Unit Rates Percents Proportional Reasoning Independent/Dependent Variables	Positive Negative Numbers Number lines: Vertical Horizontal Opposites Absolute Value	Polygons Geometry Vocabulary Area: Parallelogram Triangles Combined Shapes 3-D Shapes Nets of	Statistical Questioning Display Interpret Distribution of Data Measures of Center: Mean Median

	<p>Understand, solve, and graph inequalities Simplify expressions</p> <p>Solve equations</p> <p>Real-world problems</p>	<p>Divide Fractions</p> <p>Real-World Fractions</p>	<p>Miscellaneous Resources for Ratios and Proportions</p>	<p>Coordinate Graphing</p> <p>Distance between points</p> <p>Graphing polygons</p> <p>Resources for Adding and Subtracting Integers</p>	<p>3-D Shapes</p> <p>Surface Area</p> <p>Volume</p> <p>Various Geometry Resources</p>	<p>Measures of Variability: IQR</p> <p>Dot Plots Histograms Box Plots</p>
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[First week of school activities](#)

[NC CHECK-IN PACING GUIDE](#)