

## Curriculum Map

Subject: MATH	Grade: 7	
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Time Frame	Topic	Content	Resources	Assessments	Standards
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SEPTEMBER	Integers and Rational Numbers	<ul style="list-style-type: none"> <li>• Comparing and Ordering Integers</li> <li>• Adding and Subtracting Integers</li> <li>• Multiplying and Dividing Integers</li> <li>• Fractions and Decimals</li> <li>• Rational Numbers</li> <li>• Adding and Subtracting Rational Numbers</li> <li>• Multiplying Rational Numbers</li> <li>• Dividing Rational Numbers</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators Manipulatives	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.NS.1 7.NS.1.a 7.NS.1.b 7.NS.1.c 7.NS.1.d 7.NS.2 7.NS.2.a 7.NS.2.b 7.NS.2.c 7.NS.2.d 7.NS.3 7.EE.3
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OCTOBER	Equations	<ul style="list-style-type: none"> <li>● Evaluating and Writing Algebraic Expressions</li> <li>● Simplifying Expressions</li>   <li>● Solving One-Step Equations</li> <li>● Exploring Two-Step Equations</li> <li>● Solving Two-Step Equations</li> <li>● Solving Equations Involving the Distributive Property</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators Manipulatives	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.EE.1 7.EE.3 7.EE.4 7.EE.4.a
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NOVEMBER	Inequalities	<ul style="list-style-type: none"> <li>Graphing and Writing Inequalities</li> <li>Solving Inequalities by Adding and Subtracting</li> <li>Solving Inequalities by Multiplying and Dividing</li> <li>Solving Two-Step Inequalities</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.EE.4.b
DECEMBER	Ratios, Rates and Proportions	<ul style="list-style-type: none"> <li>Ratios</li> <li>Unit Rates and Proportional Reasoning</li> <li>Proportions</li> <li>Solving Proportions</li> <li>Similar Figures</li> <li>Maps and Scale Drawings</li> <li>Proportional Relationships</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.RP.1 7.RP.2 7.RP.2.a 7.RP.2.b 7.RP.2.c 7.RP.2.d 7.G.1

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JANUARY	Percents	<ul style="list-style-type: none"> <li>• Percents, Fractions and Decimals</li> <li>• Solving Percent Problems Using Proportion</li> <li>• Solving Percent Problems Using Equations</li> <li>• Applications of Percents</li> <li>• Simple Interest</li> <li>• Finding Percent of Change</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators Manipulatives	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.RP.3 7.EE.2 7.EE.3
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FEBRUARY	Geometry and Area	<ul style="list-style-type: none"> <li>• Angle Measures</li> <li>• Area of a Parallelogram</li> <li>• Area of a Triangle</li> <li>• Area of Other Figures</li> <li>• Circumference of a Circle</li> <li>• Area of a Circle</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators Manipulatives	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.G.2 7.G.4 7.G.5 7.G.6
MARCH	Surface Area and Volume	<ul style="list-style-type: none"> <li>• Three Dimensional Figures</li> <li>• Surface Areas of Prisms and Cylinders</li> <li>• Volumes of Prisms and Cylinders</li> <li>• Cross Sections</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.G.3 7.G.6

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APRIL	Analyzing Data	<ul style="list-style-type: none"> <li>● Random Samples and Surveys</li> <li>● Estimating Population Size</li> <li>● Inferences</li> <li>● Data Variability</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators Manipulatives	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.SP.1 7.SP.2 7.SP.3 7.SP.4
May - June	Probability	<ul style="list-style-type: none"> <li>● Probability</li> <li>● Experimental Probability</li> <li>● Sample Spaces</li> <li>● Compound Events</li> <li>● Simulating Compound Events</li> </ul>	Student Text Online Text Chalk Board Smart Board White Board Khan Academy Pearson Teacher Resources Chrome Books Calculators	Tests Quizzes Projects Activity Labs Board Drills Observation Math Partners Homework Classwork	7.SP.5 7.SP.6 7.SP.7 7.SP.7.a 7.SP.7.b 7.SP.8 7.SP.8.a 7.SP.8.b 7.SP.8.c