



Mount Laurel School District  
Grade 7 Overview

	Subject Area	September	October	November	December	January	February	March	April	May	June	
<b>Mathematics (cont)</b>	<b>Grade 7</b>	<b>Variables &amp; Patterns</b> <i>(introducing algebra, coordinates, patterns, sequences, functional relationships)</i>		<b>Bits &amp; Pieces III</b> <i>(rational numbers, fractions, decimals, percents, exponents)</i>		<b>Comparing &amp; Scaling</b> <i>(rations, proportions, percents)</i>			<b>Accentuate the Negative</b> <i>(numerical operations, integers, coordinates)</i>			
		<b>Bits &amp; Pieces III</b> <i>(rational numbers, fractions, decimals, percents, exponents)</i>		<b>Stretching &amp; Shrinking</b> <i>(polygons, solid objects, similarity, dilations)</i>		<b>Accentuate the Negative</b> <i>(numerical operations, integers, coordinates)</i>			<b>Kaleidoscopes, Hubcaps &amp; Mirrors</b> <i>(geometric transformations, congruence, coordinate geometry)</i>			
		<b>-Mini-lessons -Problem Solving -Open-Ended Dist. Assessment</b>										
	<b>Grade 7/8 Algebra</b>	<i>-Variable</i> <i>-Exponents &amp; Powers</i> <i>-Order of Operations</i> <i>-Equations &amp; Inequalities</i> <i>-Problem Solving Using Models</i> <i>-Adding, Subtracting, Multiplying &amp; Dividing Integers</i> <i>-Distributive Property</i> <i>-Probability &amp; Odds</i> <i>-Solving a Formula for a Variable</i> <i>-Rates, Ratios, &amp; Percents</i>		<i>-Coordinates &amp; Scatter Plots</i> <i>-Graphing Linear Equations</i> <i>-Slope/Functions</i> <i>-Direct Variations/Writing Linear Equations</i> <i>-Fitting a Line to Data</i> <i>-Predicting with Linear Models</i> <i>-Solving Inequalities</i> <i>-Absolute Value Equations</i> <i>-Measures of Central Tendency</i>		<i>-Solving Systems of Linear Equations</i> <i>-Solving &amp; Graphing Systems of Linear Equalities</i> <i>-Multiplying &amp; Dividing Expressions with Exponents</i> <i>-Scientific Notation</i> <i>-Exponential Growth &amp; Decay Models</i> <i>-Square Roots &amp; Simplifying Radicals</i> <i>-Solving Quadratic Equations</i> <i>-Graphing Quadratic Inequalities</i>			<i>-Add, Subtract, &amp; Multiply Polynomials</i> <i>-Factor Polynomials</i> <i>-Solve Polynomial Equations/Factoring</i> <i>-Solve Rational Equations</i> <i>-Add, Subtract, Multiply Polynomials</i> <i>-Factor Polynomials</i> <i>-Solve Polynomial Equations</i> <i>-Add, Subtract, Multiply, &amp; Divide Rational Expressions</i> <i>-Graph Rational Functions</i> <i>-Solve Radical Equations &amp; Graph Radical Functions</i> <i>-Operations with Radical Expressions</i> <i>-Completing the Square</i>			

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<b>Science</b>	<i>Lab Safety/Scientific Method/Measuring</i>		<i>Earth, Moon, and Sun System Galaxy and Universe</i>			<i>Processes that Shape the Earth's Surface  Fire</i>		<i>Atmosphere and Water</i>				
<b>Social Studies</b>	<i>Citizenship in Action</i>  A good citizen sows respect for themselves, for others and for property		<b><u>World Cultures</u></b> <i>Human Geography</i>  Despite difference, all humans have unifying needs			<i>Central America</i>  Countries of Central America have and will continue to impact the United States.		<i>The Middle East</i>  The Middle East is a region where many different cultures and nations interact.		<b><u>A New Nation</u></b> <i>Forming a Nation</i>  The Constitution is a living document that governs our country		<i>The Early Republic</i>  As an early nation, the United States was confronted with many responsibilities and problems.
<b>World Languages</b>	<b>Related Arts Spanish (One Marking Period)</b>		<i>-Countries that speak Spanish/Reasons to learn Spanish</i> <i>-Using Cognates to learn a new language</i> <i>-Spanish Alphabet</i> <i>-Date (la fecha), Days of the Week, Months of the Year</i> <i>-Feminine vs. Masculine Nouns</i> <i>-Telling Time in Spanish/Numbers 1-30</i> <i>-Tu vs. Usted (the two ways to say "you")</i> <i>-Cultural topics</i>			<i>(New Cycle)</i>		<i>(New Cycle)</i>		<i>(New Cycle)</i>		



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Physical Education	<p style="text-align: center;">    <i>-Fitness -Motor Skill Development -Integrated Skills (Character, Leadership, Goal Setting, etc)</i> </p> <p> <i>Presidential Fitness Testing</i> <span style="float: right;"><i>Presidential Fitness Testing</i></span> </p>									