

**Pentucket Regional Middle School  
8 Green Team Curriculum Map**

**SEPTEMBER**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• The Fall of the Roman Empire</li> <li>• Medieval Europe</li> <li>• Byzantine Empire</li> <li>• Christianity (Catholic Church)</li> <li>• Holy Roman Empire</li> <li>• Feudal System</li> <li>• Crusades</li> <li>• Democratic Institutions</li> <li>• Black Death</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p style="text-align: center;"><b>Literature – Fiction</b></p> <ul style="list-style-type: none"> <li>• Short Story Unit</li> <li>• Elements of a Short Story</li> <li>• Structure of a Short Story</li> <li>• Autobiography</li> <li>• Spelling</li> <li>• Analogies</li> <li>• Vocabulary</li> <li>• Creative Writing Journal</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Intro. to Earth Science</li> <li>• Scientific Method</li> <li>• Dependent vs. Independent Variables</li> <li>• Metric Measurement</li> <li>• Matter</li> <li>• Density</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Order of Operations</li> <li>• Properties of equality</li> <li>• Variables and algebraic expressions</li> <li>• Real number system</li> <li>• Solving Linear Equations</li> <li>• Word Problems</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics:</b></p> <ul style="list-style-type: none"> <li>• Angle measurement and relationships</li> <li>• Experimental Probability</li> <li>• Systems of Measurement: customary, metric</li> <li>• Fraction, decimal, percent, conversion and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Order of Operations</li> <li>• Evaluating Expressions</li> <li>• Integers</li> <li>• Math at Work Project</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics:</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>reasoning, comparing and contrasting, oral presentations, formulating opinions, recognizing cause and effect relationships</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>reading comprehension, following directions, written language</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>use of lab equipment, metric conversions, lab safety</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>evaluating, problem solving, estimating, computing,</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>estimation, computation, problem solving, interviewing</i></p>

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**OCTOBER**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <p>Renaissance:</p> <ul style="list-style-type: none"> <li>• Advancements in fine arts, science, technology,</li> <li>• da Vinci, Michelangelo</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p style="text-align: center;"><b>Literature - Fiction</b></p> <ul style="list-style-type: none"> <li>• Short Story Unit continued</li> <li>• Fiction Book Project</li> <li>• Spelling</li> <li>• Analogies</li> <li>• Vocabulary</li> <li>• Creative Writing Journal</li> </ul> <p style="text-align: center;"><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Pre-Test Basic Skills</li> <li>• Limited Review of Parts of Speech</li> <li>• The Sentence</li> <li>• Classifying Sentences by Purpose</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Matter and its properties</li> <li>• EarthMoon/Sun Systems</li> <li>• Eclipses</li> <li>• Moon phases</li> <li>• Seasons</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Linear equations &amp; word problems</li> <li>• Ration and proportion</li> <li>• Percent equations</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics:</b></p> <ul style="list-style-type: none"> <li>• Similarity</li> <li>• Theoretical Probability</li> <li>• Systems of measurement: customary, metric</li> <li>• Fraction, decimal, percent, conversion and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Relating Graphs to Events</li> <li>• Similarity</li> <li>• Angle Measurements</li> <li>• Angle Relationships</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p><i>data gathering skills, presentations, group project dynamics, effective communication</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>group work, book report skills, critical thinking, written language</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>measurement systems for long distances, interpreting diagrams</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>estimating, computing, applying, problem solving, measuring</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>graphing, prediction, interpretation, simulation, measuring</i></p>

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**NOVEMBER**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <p>Reformation:</p> <ul style="list-style-type: none"> <li>• Martin Luther</li> <li>• Counter-Reformation</li> <li>• European Religious Wars</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p style="text-align: center;"><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Limited Review of Phrases and Clauses</li> <li>• The Kinds of Sentence Structure</li> <li>• Spelling</li> <li>• Analogies</li> <li>• Creative Writing Journal</li> <li>• Choice Book Report</li> </ul> <p style="text-align: center;"><b>Literature</b></p> <ul style="list-style-type: none"> <li>• Elements of Drama</li> <li>• Renaissance Project - An Interdisciplinary Unit</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p style="text-align: center;"><b>Solar System and Universe</b></p> <ul style="list-style-type: none"> <li>• Forces: Inertia, Gravity</li> <li>• Electromagnetic spectrum</li> <li>• Sun and fusion</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Relations</li> <li>• Functions</li> <li>• Slope</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics:</b></p> <ul style="list-style-type: none"> <li>• Perimeter and area</li> <li>• Mean, median, mode</li> <li>• Systems of measurement: customary, metric</li> <li>• Fraction, decimal, percent, conversion, and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Statistics</li> <li>• Probability</li> <li>• Combinations</li> <li>• Permutations</li> <li>• Renaissance Project – An Interdisciplinary Unit</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p><i>critical thinking, compare/contrast, analyzing information with regard to diversity, cause and relationships</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>written language skills, creative writing skills, critical book reviews, group work</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>use of spectrosopes, interpreting diagrams, identifying numerical relationships in graphs and tables</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>evaluating, graphing, categorizing</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>calculation, estimation, prediction, simulation, graphing, interpretation</i></p>

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**DECEMBER**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• The Age of Exploration</li> <li>• Colonization</li> <li>• Spanish, French, and Dutch settlement</li> <li>• Conquistadors, Aztecs and Incas</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p style="text-align: center;"><b>Literature - Drama</b></p> <ul style="list-style-type: none"> <li>• Comic and Tragic Elements</li> <li>• Theatrical Conventions</li> <li>• Evaluation of a Play</li> <li>• Elements of Plot, Subplot, Characterization, and Setting</li> <li>• Vocabulary</li> <li>• Spelling</li> <li>• Analogies</li> <li>• Creative Writing Journal</li> <li>• Persuasive Composition</li> </ul> <p style="text-align: center;"><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Punctuation – Comma Emphasis</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Life cycle of stars</li> <li>• Fusion</li> <li>• Big Bang</li> <li>• Black Holes</li> <li>• Galaxies</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Graphing linear equations</li> <li>• Writing linear equations</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Pythagorean Theorem</li> <li>• Systems of measurement: customary, metric</li> <li>• Fraction, decimal, percent conversion and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Relations</li> <li>• Functions</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>data gathering, technology resource, critical thinking, mapping</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>reading comprehension, written language, globalization skills</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>diagramming sequential events, reading and interpreting diagrams</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>graphing, computing, problem Solving</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>evaluation, categorization, graphing</i></p>

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**JANUARY**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Scientific Revolution and the Enlightenment</li> <li>• The growth of democratic principles</li> <li>• Church and state</li> <li>• The age of reason</li> <li>• Technological progress</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p><b>Literature – Nonfiction</b></p> <ul style="list-style-type: none"> <li>• Holocaust Book Review</li> <li>• Holocaust Observation-Response Journals</li> <li>• Various Nonfiction Readings and Response Compositions</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Words Often Confused</li> <li>• Common Usage Problems</li> <li>• Spelling</li> <li>• Creative Writing Journal</li> <li>• Persuasive Composition</li> </ul>	<p style="text-align: center;"><b>Content:</b></p> <ul style="list-style-type: none"> <li>• Heat and Molecules</li> <li>• Heat Transfer</li> <li>• Convection</li> <li>• Fluid Motion (rising and sinking)</li> <li>• Fluid Density</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Scatterplots</li> <li>• Linear regressions</li> <li>• Systems of equations</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Circles</li> <li>• Line plots, bar graphs, histograms, circle graphs, box and whisker plots</li> <li>• Systems of measurement: customary, metric</li> <li>• Fraction, decimal, percent conversion and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Solving Equations</li> <li>• Solving Inequalities</li> <li>• Applications</li> <li>• Perimeter and Area</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>comparing, classification, oral skills cause and effect relationships,</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>data gathering, diversity/globalization, journal writing</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>data collection, graphing, analysis of data</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>graphing, modeling, predicting, problem solving</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>estimation, computation, problem-solving</i></p>

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**FEBRUARY**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Scientific Revolution &amp; Enlightenment</li> <li>• The growth of democratic principles</li> <li>• Church and State</li> <li>• The age of reason</li> <li>• Technological progress</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Common Usage Problems</li> </ul> <p><b>Writing Workshop (Persuasive and Expository Compositions) Based on the following Nonfiction Characteristics:</b></p> <ul style="list-style-type: none"> <li>• <i>Formal and Informal Essays</i></li> <li>• <i>Supporting an Opinion</i></li> <li>• <i>Trace Word Histories</i></li> <li>• <i>Anecdotes</i></li> <li>• <i>Reviews</i></li> <li>• <b>Mythology Unit</b></li> <li>• MCAS Practice</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Atmospheric Circulation</li> <li>• Oceanic Circulation</li> <li>• Factors Affecting Climate</li> <li>• Ocean/Climate Interaction</li> <li>• Environmental Meteorology</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Inequalities</li> <li>• Absolute value equations</li> <li>• Operations involving polynomials</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Solid geometry</li> <li>• Systems of Measurement: customary, metric</li> <li>• Fraction, decimal, percent conversion and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Linear Equations</li> <li>• Graphing</li> <li>• Slope</li> <li>• Intercepts</li> <li>• Writing Equations</li> <li>• Proportions</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p><i>writing skills, timeline, chronological thinking</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>reading comprehension, analytical skills, written language</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>data collection, graphing, data interpretation</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>problem solving, graphing, modeling,</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>graphing, computation, measurement, problem-solving</i></p>

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**MARCH**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• New England Colonies</li> <li>• Middle Colonies</li> <li>• Southern Colonies</li> <li>• Social classes and economies</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Continuation and Completion of Writing Workshop</li> <li>• MCAS Practice</li> <li>• Choice Book Review</li> <li>• Spelling</li> <li>• Analogies</li> <li>• Vocabulary</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Layers of the Earth</li> <li>• Segments of the Earth (hydrosphere, lithosphere, Atmosphere)</li> <li>• Plate Boundaries</li> <li>• Continental Drift</li> <li>• Earthquakes and Volcanoes</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Factoring polynomials</li> <li>• Quadratic equations</li> <li>• Quadratic functions</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Transformations: reflections, rotations, translations, dilations</li> <li>• Systems of measurement: customary, metric</li> <li>• Fraction, decimal, percent conversion and operation</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Triangle Concepts</li> <li>• Pythagorean Theorem</li> <li>• Square Roots</li> <li>• Irrational Numbers</li> <li>• Percent applications</li> <li>• Stock Market Project</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>data gathering, technology resources, oral presentations, reasoning</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>reading comprehension, analytical skills, written language</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>indirect observation, modeling, data interpretation, map reading</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>modeling, problem solving, evaluating, graphing, analyzing</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>estimation, computation, problem-solving</i></p>

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**APRIL**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• New England colonies</li> <li>• Middle Colonies</li> <li>• Southern Colonies</li> <li>• Social classes and economies.</li> <li>• Proclamation of 1763</li> <li>• French and Indian War</li> <li>• Stamp Act</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <p><b>Literature - Poetry</b></p> <ul style="list-style-type: none"> <li>• Explication of Poetry</li> <li>• Sound Devices, Rhythm, Rhyme</li> <li>• Figurative Language</li> <li>• Symbolism</li> <li>• Oral Recitation</li> <li>• Individual Selections</li> <li>• Spelling</li> <li>• Analogies</li> <li>• Creative Writing Journals</li> <li>• Vocabulary</li> </ul> <p><b>Grammar:</b> Public Speaking – formal and informal speaking situations</p>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Rocks and Minerals</li> <li>• Geologic History</li> <li>• Rock Cycle</li> <li>• Oceanography</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Quadratic functions (con't)</li> <li>• Simplifying rational expressions</li> <li>• Operations involving rational expressions</li> <li>• Complex fractions</li> <li>• Solving rational equations</li> </ul> <p><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Combinations and permutations</li> <li>• Systems of Measurements: customary, metric</li> <li>• Fraction, decimal, percent, conversion, and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Circles</li> <li>• Solid Geometry</li> </ul> <p><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p><i>reasoning skills, analytical skills, persuasive writing</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>reading comprehension, creative writing and thinking, written language skills, public speaking skills</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>diagramming cycles, classifying items scientifically, identify specimens using characteristics, read and interpret timetables</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>evaluating, graphing, problem solving, simplifying, modeling</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p><i>estimation, calculation, problem-solving, measurement</i></p>

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**MAY**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Continental Congress</li> <li>• Declaration of Independence</li> <li>• American Revolution</li> <li>• Common Sense</li> <li>• Major Battles</li> <li>• Yorktown</li> <li>• Role of Women and African Americans</li> <li>• Treaty of Paris</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Poetry Portfolio Projects</li> <li>• Spelling Demons</li> <li>• Creative Writing Journal</li> <li>• Biography Book Review (oral review)</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Changes to the Earth's surface: weathering, erosion</li> <li>• Topographic Maps</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Direct variation</li> <li>• Inverse variation</li> <li>• Radical expressions</li> <li>• Radical equations</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Systems of measurement: customary, metric</li> <li>• Fraction, decimal, percent, conversion and operations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Transformations</li> <li>• Reflections</li> <li>• Translations</li> <li>• Rotations</li> <li>• Dilations</li> </ul> <p style="text-align: center;"><b>Ongoing Monthly Topics</b></p> <ul style="list-style-type: none"> <li>• Fraction-Decimal-Percent Conversion</li> <li>• Fraction-Decimal Operations</li> <li>• Systems of Measurement</li> </ul>
<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>critical thinking, effective communication, data resources, technology applications</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>written language, creative writing, analytical skills, oral presentation skills</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>using data to produce maps, measurement, data collection, reading topographic maps</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>simplifying, categorizing, problem solving</i></p>	<p style="text-align: center;"><b>Skills</b></p> <p style="text-align: center;"><i>estimation, computation, graphing, measurement</i></p>

**Pentucket Regional Middle School  
8 Green Team Curriculum Map**

**JUNE**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra I A</b>	<b>Algebra I B</b>
<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• American Revolution (continued)</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Poetry Presentations</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Application of science process skills</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Exponents</li> <li>• Exponential functions</li> </ul>	<p style="text-align: center;"><b>Content</b></p> <ul style="list-style-type: none"> <li>• Geometric Constructions</li> <li>• Systems of Equations</li> </ul>
<p style="text-align: center;"><b>Skills</b> <i>oral presentations</i></p>	<p style="text-align: center;"><b>Skills</b> <i>oral presentation skills</i></p>	<p style="text-align: center;"><b>Skills</b> <i>writing hypothesis, collecting data, interpreting data, drawing conclusions</i></p>	<p style="text-align: center;"><b>Skills</b> <i>evaluating, graphing, modeling, problem solving</i></p>	<p style="text-align: center;"><b>Skills</b> <i>measuring, construction, problem-solving</i></p>

**Pentucket Regional Middle School  
8 Green Team Curriculum Map**

**Yearly Assessments**

<b>World History</b>	<b>English-Language Arts</b>	<b>Earth Science</b>	<b>Algebra IA – IB</b>
<ul style="list-style-type: none"> <li>- traditional content testing and quizzes including open-ended question responses</li> <li>- quarterly examinations</li> <li>- oral presentations</li> <li>- individual and group projects</li> <li>- compositions</li> <li>- progressive lectures</li> <li>- notebook checks</li> <li>- mapping</li> <li>- mental mapping</li> <li>- model building</li> </ul>	<ul style="list-style-type: none"> <li>- traditional content testing and quizzes including open-ended question responses</li> <li>- quarterly examinations</li> <li>- maintain a writing folder containing multiple drafts that demonstrate revising and editing</li> <li>- edit and proofread drafts to clarify meaning via peer editing and teacher conferencing</li> <li>- construct critical reviews of outside reading assignments</li> <li>- mapping: Inspiration software</li> <li>- teacher designed content rubrics</li> <li>- write letters to imaginary characters based upon reading selections</li> <li>- participate in Writing Workshop</li> <li>- co-operative learning groups</li> <li>- oral presentations</li> <li>- create and participate in interdisciplinary units</li> <li>- produce Creative Writing Journals</li> <li>- write original poetry</li> </ul>	<ul style="list-style-type: none"> <li>- traditional content testing and quizzes including open-ended question responses</li> <li>- quarterly examinations</li> <li>- presentations (individual and group)</li> <li>- teacher designed content rubrics</li> <li>- student designed rubrics for content and quality</li> <li>- collaborative/cooperative projects</li> <li>- lab reports</li> </ul>	<ul style="list-style-type: none"> <li>- traditional content testing and quizzes including open-ended question responses</li> <li>- drill quizzes</li> <li>- oral response</li> <li>- student presentations</li> <li>- student simulations</li> <li>- practical quizzes</li> <li>- student constructions</li> </ul>