

# Special Class Algebra 1- Sabrina Wesche

2024-2025

Month	Standards	Program Materials/Resources	Vocabulary	Assessment	Pacing Guide
<b>September-October</b>	<p>8.EE.7a, 8.EE.7b, 8.EE.8a, 8.EE.8b, 8.EE.5, 8.EE.6</p> <p>N-Q.1, A-CED.2, Preparation for AREI.1, A-SSE.1(b), A-SSE.2, ASSE.3(c), Preparation for A-CED.1, A-REI.3(b), F-BF.1(a)</p>	<ul style="list-style-type: none"> <li>- eMath Instruction Units 1</li> <li>- eMath Unit A1</li> <li>- Algebra textbook: Wieser Educational</li> </ul>	<p><i>Proportional relationship, unit rate, slope – coordinate plane, origin, y-intercept, vertical and horizontal axis – linear equations, solution, coefficients, equations, expressions, distributive property, binomials, equivalent, exponent, trinomial</i></p>	<ul style="list-style-type: none"> <li>• Exit tickets</li> <li>• Class Discussions</li> <li>• Quizzes (every 4 to 5 lessons)</li> <li>• Unit Assessments</li> <li>• Project</li> </ul>	23 days
<b>November- December</b>	<p>8.EE.5, 8.EE.6, 8.EE.7, 8.F.1, 8.F.2, 8.F.3, 8.F.4</p> <p>A-REI.3, A-SSE.1(b), A-CED.3, AREI.1, A-CED.4, A-CED.1, F-IF.1, F-IF.2, F-IF.7, F-IF.4, N-Q.1, F-IF.5, F-IF.6</p> <p>A-CED.1, F-IF.7, N-Q.1, A-CED.2, FIF.6, F-LE.1, F-LE.2,</p> <p>N-Q.2, F-IF.5, FIF.6, F-BF.1(a), F-LE.5, A-SSE.1(a), FIF.4, A-REI.10, A-REI.12, F-IF.3*, FBF.2</p>	<ul style="list-style-type: none"> <li>- eMath Instruction Units 5 &amp; 6</li> <li>- eMath Instruction A2, A3, A4</li> <li>- Algebra textbook: Wieser Educational</li> </ul>	<p><i>Function, input, output, ordered pair, linear, nonlinear – rate of change, initial value, best fit, strength, correlation, proportional relationship, slope, similarity, system, parallel lines, coordinate plane, Equations, solutions, variable, rational, additive property of equality, multiplicative property of equality, consecutive, constant, inequality, truth value, interval notation, modeling, function notation, min, max, piecewise function, VLT increasing, decreasing,</i></p>	<ul style="list-style-type: none"> <li>• Exit tickets</li> <li>• Class Discussions</li> <li>• Quizzes (every 4 to 5 lessons)</li> <li>• Unit Assessments</li> <li>• Project</li> </ul>	32 days

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			<p><i>turning point, zeroes, domain, range proportional, unit conversions, slope, y-intercept, linear function, slope-intercept form, parameters, model, output, input, range, domain, linear relationships, vertical,</i></p>		
<p><b>January-February</b></p>	<p>8.EE.1, 8.EE.2, 8.G.6, 8.G.7, 8.G.8</p> <p>A-SSE.3(c), A-CED.2, F-IF.5, FBF.1(a), F-LE.1(a-c), F-LE.2, F-IF.6, A-CED.1, F-LE.5, F-LE.3, N-Q.2, ASSE.1(a), A-CED.3, F-IF.3</p>	<ul style="list-style-type: none"> <li>- eMath Instruction Units 7 &amp; 8</li> <li>- eMath Instruction Unit 6A</li> <li>- Algebra textbook: Wieser Educational</li> </ul>	<p><i>Triangle, right triangle, angles, acute angle, Pythagorean theorem, roots, perfect squares, perfect cubes, root, cube, radical, cube root, exponent, power, coordinate plane, distance exponent rule, zero exponent, negative exponents, exponential function, base, exponential growth, exponential decay, multiplying factor, grow, decay, percent, constant, rate, linear functions, average rate of change, slope, geometric sequences, common ratio, discrete</i></p>	<ul style="list-style-type: none"> <li>• Exit tickets</li> <li>• Class Discussions</li> <li>• Quizzes (every 4 to 5 lessons)</li> <li>• Unit Assessments</li> <li>• Project</li> </ul>	<p>33 days</p>

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<p><b>March- April</b></p>	<p>8.G.6, 8.G.7, 8.G.8, 8.NS.1, 8.NS.2</p> <p>A-CED.1, A-REI.5, A-REI.6, A-REI.10, A-CED.3, A-REI.11, A-REI.12</p>	<ul style="list-style-type: none"> <li>- eMath Instruction Unit 11</li> <li>- eMath Instruction 5A</li> <li>- Algebra textbook: Wieser Educational</li> </ul>	<p><i>integer, exponent, power, system of linear equations, substitution, elimination, Function, input, output, ordered pair, linear, nonlinear, best fit, association, Solution, true, solution set, intersect, tables, modeling, unit prices, algebraic, window, quadratic equation, system of inequalities, constraints</i></p>	<ul style="list-style-type: none"> <li>• Exit tickets</li> <li>• Class Discussions</li> <li>• Quizzes (every 4 to 5 lessons)</li> <li>• Unit Assessments</li> <li>• Project</li> </ul>	<p>36 days</p>
<p><b>May- June</b></p>	<p>MP.1, MP.2, MP.3, MP.4, MP.7, MP.8, A.APR.1, A.SSE.2, A.SSE.3c, A.F.IF.8b</p>	<ul style="list-style-type: none"> <li>- eMath Instruction Unit 1 (Algebra 1)</li> <li>- Algebra textbook: Wieser Educational</li> </ul>	<p><i>Rate, ratio, properties, variables, expression, order of operations, evaluate, commutative, associative, distributive, equivalent, factor, exponents, integer, trinomial, difference, sum, product, quotient, graphing calculator</i></p>	<ul style="list-style-type: none"> <li>• Exit tickets</li> <li>• Class Discussions</li> <li>• Quizzes (every 4 to 5 lessons)</li> <li>• Unit Assessments</li> <li>• Project</li> </ul>	<p>20 days</p>
<p><b>Notes:</b></p>	<p>**It is also important to note that there are many similarities in the 8<sup>th</sup> grade standards and the 9<sup>th</sup> grade standards. Both are listed for clarity.</p>				