

Michael Granillo		1 <sup>st</sup> Quarter	Week Beginning: September 5 - 8
School Year: 2023-24		Subject: Algebra 2H	
Monday	Notes:	<p>Objective:</p> <p>Lesson Overview: No School – Labor Day</p>	Academic Standards: NA
Tuesday	Notes:	<p>Objective: Students will be introduced to piece-wise functions. They will begin to write and graph these special case functions.</p> <p>Lesson Overview: 3.1 - We will begin our unit on Quadratics by graphing. We will learn how to find the vertex and other key features in order to put them on the graph. Assignment: pg. 149-150 (1-6, 12-24 even, 25)</p>	Academic Standards: F.IF.4 F.IF.6
Wednesday	Notes:	<p>Objective: Students will perform all 4 operations on imaginary and complex numbers.</p> <p>Lesson Overview: 3.3 - Students will be introduced to the concept of imaginary numbers and why they are needed. Bell work will force them to take the square root of a negative number. We will then simplify radicals, followed by operations with complex numbers. Assignment: pg. 165-166 (2-32 even, 35-39)</p>	Academic Standards: N.CN.1 N.CN.2
Thursday	Notes:	<p>Objective: Students will show mastery of factoring quadratics.</p> <p>Lesson Overview: 3.4 - We will use bell work to review factoring. Students will complete a worksheet on factoring.</p>	Academic Standards: N.CN.7
Friday	Notes:	<p>Objective: Students will solve equations by factoring, and then apply that to solving real-world problems.</p> <p>Lesson Overview: 3.4 - We will review the zero-product property. Students will then solve quadratics with <math>b=0</math>, <math>c=0</math> by factoring. Assignment: pg. 171 (2-32 even)</p>	Academic Standards: N.CN.7 N.CN.8