Functions: Unit Schedule

	When		Topics/Student Objectives
1/26	Monday	1	**Characteristics of Functions.** • Define a function relationship, use function notation and evaluate functions at specific values. • Define and be able to identify Domain, Range, End Behavior, Maximums, Minimums, Critical Points, Increasing and Decreasing Intervals. • Interpret these terms in relation to real world examples. Introduction to realistic domain and range.
1/27	Tuesday	2	**Parent Functions** • Identify parent functions from both their algebraic and graphical representations. • From a graph, determine the parent function and identify any changes from the parent function's standard position.
1/28	Wednesday	3	**Transformations – Rigid** • Interpret both a graph and an algebraic representation of a function to identify horizontal and vertical shifts. • Determine the parent function from both a graph and an algebraic representation of a function that has been transformed horizontally or vertically.
1/29	Thursday	4	**QUIZZ – Characteristics of Functions** **Transformations - Non Rigid** • Interpret both a graph and an algebraic representation of a function to identify when/if a function has been stretched or compressed. • Determine the parent function from both a graph and an algebraic representation of a function that has been stretched or compressed.
1/30	Friday	5	**Transformation of Transformations** • Determine the effect of applying transformations to a function that has already been transformed. • Represent these changes both graphically and algebraically.
2/2	Monday	6	**QUIZZ – Transformations** **Transformations of Transformations continued**
2/3	Tuesday	7	**Review**
2/4	Wednesday	8	**UNIT TEST**