

Functions: Unit Schedule

When		Topics/Student Objectives
8/25	Monday	1 Introductions, classroom policies and procedures Function Review Define a function relationship, use function notation and evaluate functions at specific values. Use tables of data and graphs to determine if the data represents a function
8/26	Tuesday	1 Characteristics of Functions. 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 (general).
8/27	Wednesday	2 Parent Functions Identify parent functions from both their algebraic and graphical representations. Identify real world situations that may be modeled by these families of functions (general).
8/28	Thursday	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.
8/29	Friday	4 QUIZZ – Parent 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.
9/1	Monday	HOLIDAY
9/2	Tuesday	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.
9/3	Wednesday	6 QUIZZ – Transformations Modeling Interpret function models of real world situations. Identify the realistic domain and range. Interpret key points of a function and describe what they represent in the real world.
9/4	Thursday	7 Modeling continued Interpret function models of real world situations. Identify the realistic domain and range. Interpret key points of a function and describe what they represent in the real world. Review
9/5	Friday	8 UNIT TEST