

Time line: October 2017

Course: Honors Algebra II

Teacher: Rainear, Clarke

Day	Topics	Objectives: Students will be able to ...	Assessments	Standard
1-2	Functions: The unit covers Identifying Functions, Identifying Domain Restrictions, Performing Operations with functions, Finding the Inverse of Functions	Find the inverse of functions	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8
3	Functions: The unit covers Identifying Functions, Intercepts, Value, Rate of Change, End Behaviors, Symmetry, and Graphing.	Review Activity	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8
4	Functions: The unit covers Identifying Functions, Intercepts, Value, Rate of Change, End Behaviors, Symmetry, and Graphing.	Assessment		F-IF.7 F-IF.8
5	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value functions and rewriting them as piecewise, transformations of functions	Graph piecewise functions	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8
6-7	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value functions and rewriting them as piecewise, transformations of functions	Writing piecewise functions	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8
8	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value functions and rewriting them as piecewise, transformations of functions	Graphing absolute value functions	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8
9	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value functions and rewriting them as piecewise, transformations of functions	Writing absolute value functions as piecewise functions	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8
10	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value	Review activity	Classwork, notes, quizzes, tests	F-IF.7 F-IF.8

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	functions and rewriting them as piecewise, transformations of functions			
	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value	Quiz		
11-12	Piecewise Functions: The unit covers writing and graphing linear piecewise functions, graphing absolute value functions and rewriting them as piecewise, transformations of functions	Transformations of functions-reflection and translations	Classwork, notes, quizzes, tests	F-BF.3