

Honors Algebra II 2018-2019					
	<b>Week 1</b>				
	<b>Standard</b>	<b>Objective</b>	<b>DOL (Homework)</b>	<b>Do Now</b>	<b>Lesson Sequence</b>
8/20/2018	Freshman Orientation				
8/21/2018	Classroom Procedures	Bart Simpson Video	Writing Prompt	Mindset Video	
8/22/2018	Mathematical Practice: Perseverance	Students will be able to 1) demonstrate that mathematics can be seen differently 2) investigate squares inside a rectangle.	YouCubed Dot Card	Mindset Video	Mindset Video, Dot Card, Teamwork, Fewest Squares, Closing
8/23/2018	Mathematical Practice: Perseverance	Mathematical Practice 1: Perseverance	Students will be able to represent graphs with different dimensions but without numbers	Create a Graph	Mindset Video: Mistakes are Powerful
	<b>Week 2</b>				
	<b>Standard</b>	<b>Objective</b>	<b>DOL (Homework)</b>	<b>Do Now</b>	<b>Lesson Sequence</b>
8/27/2018 Chapter 1.1 Examples 2 & 3	Identify how k effects the graph of f(x) through the use of transformations	Students will be able to 1) apply transformations to points and sets of points and 2) Interpret transformations of real world data.	Page 11 and 12 Problems 17 - 23, 24, 28, 29, 30 - 35, 49	Check for Understanding	Check for Understanding. Objective. Interactive Lecture. Review Objective. DOL

8/28/2018 Chapter 1.2 (Examples 1 & 2 & 3)	Identify how $k$ effects the graph of $f(x)$ through the use of transformations	Students will be able to 1) Identify parent functions from graphs and equations and 2) use parent functions to model real world data	Page 18 Problems 1 - 7 (add domain and range to instructions), 10 - 13, 16 - 22, 39 a-d	Check for Understanding (Formative Quiz at end of Powerpoint 1.1)	Check for Understanding. Objective. Interactive Lecture. Review Objective. DOL
8/29/2018 Building Bridges with Slope and Slope Intercept Form	Calculate and interpret the average rate of change of a function; Graph equations on coordinate axes with labels and scales	Students will be able to 1) find the slope of a line and 2) and graph an equation in slope intercept form	Student Handouts	Check for Understanding	Check for Understanding. Objective. Interactive Lecture. Review Objective. DOL
8/30/2018 and 9/4 Chapter 1.3 Examples 1, 2, & 4	Identify how $k$ effects the graph of $f(x)$ through the use of transformations	Transform linear functions and solve problems involving linear transformations	Page 28 Problems 7 - 10, 12-15, 24, 28, 30	Check for Understanding	Check for Understanding. Objective. Interactive Lecture. Review Objective. DOL
<b>Week 3</b>					
9/3 No School					
9/4/18 Chapter 1.4 Examples 2 and 3	Represent constraints by equations or inequalities...and interpret solutions as viable or nonviable	Students will fit scatter plot data using linear models with technology Students will use linear models to make predictions.	Page 36 Problems 3, 4, 5, 7	Check for Understanding	Check for Understanding. Objective. Interactive Lecture. Review Objective. DOL

9/5/18	Identify how $k$ effects the graph of $f(x)$ through the use of transformations	Students will be able to demonstrate all objectives in Chapter 1.1 - 1.4	Review Are you ready to go on page 23 and 41	Check for Understanding	Check for Understanding. Objective. Interactive Lecture. Review Objective. DOL
9/6/18	Identify how $k$ effects the graph of $f(x)$ through the use of transformations	Students will be able to demonstrate all objectives in Chapter 1.1 - 1.4	Unit Assessment	Unit Assessment	Summative Assessment