

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 10-8-18 to 10-12-18

Subject: Algebra II w/Trig	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	Holiday – No School	*30 – Graph functions expressed symbolically and show key features of the graph *31 – Write a function defined by an expression *29 – Relate the domain of a function to its graph	*30 – Graph functions expressed symbolically and show key features of the graph *31 – Write a function defined by an expression *29 – Relate the domain of a function to its graph	*30 – Graph functions expressed symbolically and show key features of the graph *31 – Write a function defined by an expression *29 – Relate the domain of a function to its graph	*30 – Graph functions expressed symbolically and show key features of the graph *31 – Write a function defined by an expression *29 – Relate the domain of a function to its graph
Before:		Warm up on Solving $f(x) = m(x - h) + k$ replacing $(h, k)$ with $(x_1, y_1)$	Answer questions on Problem 1	Entrance Slip – Graph a piecewise function	None
During:		*Teacher will work with students to understand piecewise graphs and to write functions of piecewise graphs	*Teacher will work with students to understand piecewise graphs and write functions of piecewise graphs	*Teacher will work with students to graph piecewise functions, evaluate them at certain values, and use them to solve problems	*Students will work on extra practice worksheet on piecewise functions
After:		*Students will work together on different parts of problem 1	*Students will work together on different parts of problem 2	*Students will do a stamp Activity on piecewise functions	None
Desired Outcome:		Students will be able to understand piecewise functions and write functions of piecewise graphs	Students will be able to understand piecewise functions and write functions of piecewise graphs	Students will be able to understand piecewise functions and write functions of piecewise graphs, graph them and evaluate them at certain values	Students will be able to understand piecewise functions and write functions of piecewise graphs, graph them and evaluate them at certain values
Formative/ Summative:		*Feedback during lesson and group work	*Feedback during lesson and group work	*Feedback during lesson *Stamp Activity	*Worksheet
Higher Order Questions:		*Why do different parts of a piecewise graph have different functions? *What does the speed represent in comparison to the distance graphs?	*Why do different parts of a piecewise graph have different functions? *What does the speed represent in comparison to the distance graphs?	*How do I graph piecewise functions on a coordinate grid?	*What still confuses me about piecewise functions?
Homework:		Finish Problem 1	Finish Problem 2	Finish Stamp Activity	None