

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 8-27-18 to 8-31-18

Subject: Algebra II w/Trig	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	*29 – Relate the domain of a function to its graph	*29 – Relate the domain of a function to its graph	*29 – Relate the domain of a function to its graph	Prerequisite to *21 – Graph equations on coordinate axes with labels and scales *13-Use the structure of an expression to identify ways to rewrite it	Prerequisite to *21 – Graph equations on coordinate axes with labels and scales *13-Use the structure of an expression to identify ways to rewrite it
Before:	Warm up on evaluating functions	Warm up on writing inequalities	Warm up on interval notation	Warm up on domain and range	Answer questions on homework
During:	*Teacher will work with students to review function basics and on identifying functions and their graphs *Students will complete Exit Slip together	*Teacher will work with students to become familiar with interval notation and be able to use it for domain/range *Students will work together to complete chart	*Teacher will work with students to identify characteristics of functions using graphs of the functions	*Students will work in groups on identifying characteristics of functions from graphs	*Students will take a quiz on characteristics of functions from graphs
After:	*Students will work independently on homework	*Students will work independently on homework	*Students will work with partners on problems identifying characteristics of functions from graphs	*None	*None
Desired Outcome:	Students will understand functions and be able to identify them and their graphs	Students will understand how to use interval notation properly	Students will understand how to identify characteristics of functions from graphs	Students will understand how to identify characteristics of functions from graphs	Students will understand how to identify characteristics of functions from graphs
Formative/ Summative:	*Feedback during group work	*Feedback during group work	*Feedback during lesson and group work	*Feedback during group work and student work that is shared	*Quiz on characteristics of functions from graphs
Higher Order Questions:	*What is a function? *What is domain and range?	*What is interval notation? *What is the notation for infinity or negative infinity?	*What does increasing/decreasing mean? *What does positive/negative mean? *What does constant mean?	*What does increasing/decreasing mean? *What does positive/negative mean? *What does constant mean?	*None
Homework:	Worksheet on Functions	Worksheet on Interval notation	Worksheet on Characteristics of func.	Worksheet on Characteristics of func.	Finish Khan Academy work