Lesson Plan for March 11, 2023 **Algebra 2-L. Speck**	
Unit & Lesson Topic	Alg. 1 Topics Review (Quadratic Equations/Inequalities)
Weekly Objective/ Standards	A.CED.2 - Create equations in two variables to represent relationships between quantities. F.IF.7 - Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more complicated cases. A.REI.6 - Solve systems of linear equations algebraically, exactly, and graphically while focusing on pairs of linear equations in two variables.
Essential Question	What is a parent function? How does the equation change it's size and location on a graph? How are the standard form and vertex form of a quadratic equation used to gather information?
Monday	
Focus Question(s)	How do you graph a given piecewise function? How do you derive a missing equation using the graph to do so?
Bell Work	Solving Quadratics by Square Roots
Anticipatory Set	TT W ask the Focus Question(s) and discuss the answers.
Procedures/ Teacher Input	TT W provide guided notes. TT W provide the final project information.
Practice/ Problem Solving	TSW follow along with TT, taking notes and answering questions. TSW complete practice problems in a small group, pair, or independently as time allows.
Closing	Teacher Observation
Homework	None
Assessment	Piecewise "roller coaster" function Project
Modifications	Small Group-Help students having difficulty with practice problems and completing guided notes
Materials & Technology	Gina Wilson (All Things Algebra)

Tuesday	
Focus Question	Can you create your own piecewise function “roller coaster”?
Bell Work	None
Anticipatory Set	None
Procedures/ Teacher Input	TT W provide assistance as needed.
Practice/Problem Solving	TSW complete the given piecewise graph and analyze the functions. Then TSW create their own piecewise “roller coaster” function.
Closing	Teacher Observation
Homework	Piecewise “roller coaster” function Project
Assessment	None
Modifications	Small Group-Make sure all accommodations are given. Help with any missed work
Materials & Tech	Gina Wilson (All Things Algebra)
Wednesday	
Focus Question	Can you create your own piecewise function “roller coaster”?
Bell Work	None
Anticipatory Set	None
Procedures/T eacher Input	TT W provide assistance as needed.
Practice/ Problem Solving	TSW complete the given piecewise graph and analyze the functions. Then TSW create their own piecewise “roller coaster” function.
Closing	Teacher Observation
Homework	None
Assessment	Piecewise “roller coaster” function Project
Modifications	Small Group-Help students having difficulty with practice problems and completing guided notes
Materials & Tech	Gina Wilson (All Things Algebra)
Thursday	

Focus Question	Can you create your own piecewise function “roller coaster”?
Bell Work	None
Anticipatory Set	None
Procedures/Teacher Input	TT W provide assistance as needed.
Practice/ Problem Solving	TSW complete the given piecewise graph and analyze the functions. Then TSW create their own piecewise “roller coaster” function.
Closing	Teacher Observation
Homework	None
Assessment	Piecewise “roller coaster” function Project
Modifications	Small Group-Make sure accommodations are being used and record for IEP updates.
Materials & Tech	Gina Wilson (All Things Algebra)
Friday	
Focus Question	Can you create your own piecewise function “roller coaster”?
Bell Work	None
Anticipatory Set	None
Procedures/ Teacher Input	TT W provide assistance as needed.
Practice/Problem Solving	TSW complete the given piecewise graph and analyze the functions. Then TSW create their own piecewise “roller coaster” function.
Closing	Submit both completed piecewise “roller coaster” functions.
Homework	None
Assessment	None
Modifications	Small Group-Help students having difficulty with practice problems and completing guided notes.
Materials & Tech	Gina Wilson (All Things Algebra)