Lesson Plan Algebra 2 Nathan Salisbury

Date	Feb. 19-23, 2024
Unit & Lesson Topic	Alg. 1 Topics Review (Absolute Value Equations/Inequalities & 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?

Monday:

Focus Question	What is a greatest integer function?
Bell Work	Piecewise Function
Anticipatory Set	TTW ask the Focus Question(s) and discuss the answers.
Procedures/ Teacher Input	TTW provide guided notes.
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	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Tuesday:

Focus Question	What is an absolute value function? What does is look like?
Bell Work	Greatest Integer Function
Anticipatory Set	TTW ask the Focus Question(s) and discuss the answers.
Procedures/ Teacher Input	TTW provide guided notes. MPT 3.6 (30 min max)
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. MPT 3.6 (30 min max)
Closing	Teacher Observation/ Submit MPT 3.6
Homework	None
Assessment	MPT 3.6
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Wednesday:

Focus Question	What is a "parent function"? How does the equation effect the graph's position or size?
Bell Work	Absolute Value Equation/Inequality
Anticipatory Set	TTW ask the Focus Question(s) and discuss the answers.
Procedures/ Teacher Input	TTW provide guided notes.
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	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Thursday:

Focus Question	What is the vertex form of an absolute value equation?
Bell Work	Parent Functions & Transformations
Anticipatory Set	TTW ask the Focus Question(s) and discuss the answers.
Procedures/ Teacher Input	TTW provide guided notes.
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	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)

Friday:

Focus Question	What makes an equation "quadratic"?
Bell Work	Absolute Value Functions: Vertex Form
Anticipatory Set	TTW ask the Focus Question(s) and discuss the answers.
Procedures/ Teacher Input	TTW provide guided notes.
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	None
Modifications	None
Materials & Technology	Gina Wilson (All Things Algebra)