Teacher Name: Ms. Bond **Subject:** Math 2

RRGSD Remote Instruction Learning Plan

Dates: __March 15th__ - ___19th___

Statement of Goals and Objectives: *(Learning Targets in Student & Parent-Friendly Language)*	● Students will be able to graph quadratic functions and determine the key features of graphs and function ● Students will be able to perform transformations (movements) on a quadratic function. ● Students will be able to recognize the transformation taking place and which variables caused the transformation and how.
Topic(s)/Concept & NC Standard Course of Study: *Topic(s)/Concept and the correlating content standards addressed)*	● **A-SSE.1:** *Interpret expressions that represent a quantity in terms of its context.* ○ ***A-SSE.1.a:*** *Identify and interpret parts of a quadratic, square root, inverse variation, or right triangle trigonometric expression, including terms, factors, coefficients, radicands and exponents.* ● **F-BF.3:** *Understand the effects of the graphical and tabular representations of linear, quadratic, square root, and inverse variation function f with $k \cdot f(x)$, $f(x) + k$, $f(x + k)$ for special values of k (both positive and negative).* ● **F-IF.1:** *Extend the concept of a function to include geometric transformations in the plane recognizing that:* ○ *The domain and range of a transformation function f are a set of points in the plane.* ○ *The image of a transformation is a function of its preimage.*
Social-Emotional Focus	

Daily Agenda: Including assignments and due dates

Date:	Virtual/Remote Agenda	JacketTime Opportunity Agenda
Monday	**TEACHER WORKDAY**	
Tuesday	- Lesson 2: Key Features of Quadratic Functions ***Assignment: Key Features Worksheet***	
Wednesday	**VIRTUAL DAY** **Tutorials and Check-ins**	
Thursday	- Lesson 3: Transformations of Quadratic Functions	Jacket A Lesson 1 - 2
Friday	- Lesson 3: Transformations of Quadratics Functions - Quizizz/Kahooit! - Transformations of Quadratic Functions	

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Assessment:

How will I be assessing my students throughout this week?

Formative Assessment(s)	*Key Features Worksheet*
Summative Assessment(s)	*N/A*
How will I know my students have **mastered the content** from this week?	Review data for levels of mastery.

Additional Resources:

If a student needs additional support, below are resources that will assist with the material being taught.

Topic/Concept	Website/Location resource can be found
Key Features of Quadratics	**From:** ● Graphs https://www.youtube.com/watch?v=m9767YYp8Cc ● Equations https://www.youtube.com/watch?v=Rshj4GqS2hU
Transformations of Quadratic Functions	https://www.youtube.com/watch?v=n2XyBSmISFw