

RRGSD Remote Instruction Learning Plan

Dates: _Nov. 9th___ - _Nov. 13th___

Statement of Goals and Objectives: <i>(Learning Targets in Student & Parent-Friendly Language)</i>	<ul style="list-style-type: none"> 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. Students will be able to factor quadratics by finding the GCF (Greatest Common Factor), grouping, and finding two binomials that multiply together.
Topic(s)/Concept & NC Standard Course of Study: <i>Topic(s)/Concept and the correlating content standards addressed)</i>	<ul style="list-style-type: none"> NC.M2.F-IF.1: <i>Extend the concept of a function to include geometric transformations in the plane recognizing that:</i> <ul style="list-style-type: none"> <i>The domain and range of a transformation function f are a set of points in the plane.</i> <i>The image of a transformation is a function of its preimage.</i> NC. M2.A-APR.1: <i>Extend the understanding that operations with polynomials are comparable to operations with integers by adding, subtracting and multiplying polynomials.</i>
Social-Emotional Focus	Bully Prevention and Relationship Skills (Counseling Department)

Daily Agenda: Including assignments and due dates

Date:	Virtual/Remote	Check-In Times for Virtual:
Monday	Watch Video: https://www.youtube.com/watch?v=6TtiZVuePbA Assignment: Factoring Numbers Worksheet Due: 11:59 pm	Office Hours: 9:00 - 10:00 am 12:30 - 1:30 pm
Tuesday	Google Meet: Quadratic Transformations and Factoring Quadratics	1:00 - 2:00pm Office Hours: 9:00 - 10:00 am
Wednesday	HOLIDAY	
Thursday	Assignment: Unit 4 Quiz (Quadratics) Due: 11:59 pm	Office Hours: 9:00 - 10:00 am 12:30 - 1:30pm
Friday	Google Meet: Factoring Assignment: Factoring by GCF, Grouping and Difference of Squares Worksheet	10:30 - 11:30 Office Hours: 9:00 - 10:00 am 1:00 - 2:00 pm

Assessment:

How will I be assessing my students throughout this week?

Formative Assessment(s)	Assignments in Google Classroom; Live Worksheets and Google Doc
Summative Assessment(s)	Quiz given on Edulastic
How will I know my students have mastered the content from this week?	By reviewing the data from the quizzes and tests that were assigned I will be able to tell mastery/non 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
<i>Transformations of Quadratic Functions</i>	https://www.youtube.com/watch?v=n2XyBSmISFw
<i>Factoring Quadratics</i>	<p>GCF: https://www.youtube.com/watch?v=3RJIPvX-3vg</p> <p>Groping: https://www.youtube.com/watch?v=YaCpeoxGa4E</p> <p>Difference of Squares: https://www.youtube.com/watch?v=qyVzH3e1dY</p> <p>Standard Form when $a = 1$: https://www.youtube.com/watch?v=r7DtjXPhmxg</p> <p>Standard Form when $a > 1$: https://www.youtube.com/watch?v=8jRfTESH4NA</p>