

After the eLearning Day: Collect student work not submitted electronically (as needed). Students who do not turn in their work will be marked as absent.

Standards	<p>A1.ACE.1* Create and solve equations and inequalities in one variable that model real-world problems involving linear, quadratic, simple rational, and exponential relationships. Interpret the solutions and determine whether they are reasonable. (Limit to linear; quadratic; exponential with integer exponents.)</p> <p>A1.ACE.2* Create equations in two or more variables to represent relationships between quantities. Graph the equations on coordinate axes using appropriate labels, units, and scales. (Limit to linear; quadratic; exponential with integer exponents; direct and indirect variation.)</p>
Learning Targets I Can Statements	<p>I can identify and analyze the characteristics of a quadratic functions.</p> <p>I can graph a quadratic function and identify its characteristics.</p>
Essential Question(s)	<p>How do I identify characteristics of a quadratic function?</p> <p>How do I graph a quadratic function?</p>
Resources	<p>https://www.aleks.com/</p> <p>https://www.thatquiz.org/</p>
Learning Activities or Experiences	<p><u>Day 1</u> Identify, and analyze the characteristics of quadratic functions.</p> <p>*Take notes from the proved Powepoint and take pictures (scan) of your notes and email them to me at josephine.tobin@richlandone.org.*</p>

https://online.math.uh.edu/.../Supporting_Files/QuadraticFunctions.ppt · [Web view](#)

Click on *Web view* then click on *Open link*

What are the effects of changing a and/or c ?

Where is the vertex? What happens at the vertex?

Day 2 Continue to investigate the quadratic Function.

How to find the vertex?

How to find the axis of symmetry?

What are the parts of a Parabola?

Review

Go to joinmyquiz.com

and enter this code

2 0 8 2 5 7 → Characteristics of Quadratic Functions

Assignment will close on Friday, 03/20/20

Day 3 ALEKs

Understanding the characteristics of quadratic functions.

Quadratic Functions – Log on to ALEKs.com and complete the provided assignment.

If complete after the 03/19/20, you will receive late penalty.

Examples are available to review for each problem.

Quiz Quadratic Functions	Quiz	03/18/2020 9:04 am	03/19/2020 3:15 pm	Upcoming	15 Questions
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Day 4 Graphing quadratic functions.

Take notes from the provided Powepoint and take pictures (scan) of your notes and email them to me at josephine.tobin@richlandone.org.

Ppt. Graphing quadratic functions

www.chaoticgolf.com/pptlessons/graphquadraticfcns2.ppt · [Web view](#)

Click on *Web view* then click on *Open link*

**Recognizing specific points
Specifying the behavior of the graph**

Day 5 Review Graphing quadratic functions.

Complete ALEKS

Quadratic Functions cont'd – Log on to ALEKs.com and complete the provided assignment.

If complete after the 03/27/20, you will receive late penalty.

Examples are available to review for each problem.

Homework 1- Graphing Quadratic Functions	Homework	03/19/2020 3:15 pm	03/20/2020 11:59 pm	Upcoming	10 Questions
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