

Name: REX		Grading Quarter: 2	Week Beginning: 10/14/2024
School Year:		Subject: Algebra 2	
Monday	Notes:	Objective: No School	Academic Standards:
Tuesday	Notes:	Objective: Students will be able to graph quadratic equations. Lesson Overview: How to graph a quadratic using vertex form: identify the vertex and the shifts h and k, find the axis of symmetry Graph by hand and with technology	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Wednesday	Notes:	Objective: Students will be able to graph quadratic equations. Lesson Overview: <i>This is a continuation of previous day's lesson</i> How to graph a quadratic using vertex form: identify the vertex and the shifts h and k, find the axis of symmetry Graph by hand and with technology	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Thursday	Notes:	Objective: Students will be able to solve quadratic equations by graphing. Lesson Overview: Discuss how solutions to a quadratic are the x-intercepts on a graph. Discuss situations where there are two, one, or no solutions and what that means visually. Graph by hand and with technology.	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Friday	Notes:	Objective: Students will be able to graph quadratic equations. Lesson Overview: Practice making transformations of quadratics on Desmos. Play "marbleslides" to explore how the transformations result in different graphs.	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.