

UNIT 2 - LESSON PLANS

Class Algebra 1 **Topic** U9– Quadratic Graphs and Their Properties **Lesson** 1 **Of** 8

Students will:

Objective

- Be able to understand that the graph of any quadratic equation is a parabola.
- Be able to understand the properties of the graphs of quadratic equations.

“I Can” Statement

I can graph any quadratic equation (or function).

Common Core Standards

[CCSS.MATH.CONTENT.HSF.IF.C.7](#)

Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more complicated cases.

[CCSS.MATH.CONTENT.HSF.IF.C.7.A](#)

Graph linear and quadratic functions and show intercepts, maxima, and minima

Bell Work

See 9-1 Bell Work

Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

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Assessment

Bell Work 9-1

Assignment 9-1

Exit Quiz 9-1

Additional Resources

See Online Activities