

# UNIT 9 - LESSON PLANS

**Class** Algebra 1

**Topic** U9– Quadratic Functions

**Lesson** 2 **Of** 8

Students will:

**Objective**

- Be able to understand the quadratic functions and their properties.
- Be able graph the quadratic functions using their axis of symmetry and vertices.

**“I Can” Statement**

I can find the axis of symmetry and vertex of any quadratic 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 9-2 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.

# UNIT 9 - LESSON PLANS

**Assessment**

Bell Work 9-2

Assignment 9-2

Exit Quiz 9-2

**Additional Resources**

See Online Activities