

# UNIT 1 - LESSON PLANS

**Class** Algebra 1    **Topic** U1 – Patterns, Equations, and Graphs    **Lesson** 9    **Of** 9

**Objective**                      Students will:

- Be able to use tables, equations, and graphs to describe the relationships.

**“I Can” Statement**            I can use tables, equations, and graphs to describe the relationships.

**Common Core Standards**

[CCSS.MATH.CONTENT.HSF.IF.A.1](#)  
Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. If  $f$  is a function and  $x$  is an element of its domain, then  $f(x)$  denotes the output of  $f$  corresponding to the input  $x$ . The graph of  $f$  is the graph of the equation  $y = f(x)$ .

[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.

**Bell Work**                      See Bell Work 1-9

**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.

**Assessment**

Bell Work 1-9  
Assignment 1-9  
Exit Quiz 1-9

**Additional Resources**      See Online Activities