## UNIT 1 - LESSON PLANS

<table>
<thead>
<tr>
<th>Class</th>
<th>Algebra 1</th>
<th>Topic</th>
<th>U1 – Patterns, Equations, and Graphs</th>
<th>Lesson</th>
<th>Of 9</th>
</tr>
</thead>
</table>

### 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