|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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](http://www.corestandards.org/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](http://www.corestandards.org/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 |