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

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| **Objective** | Students will:* Be able to use tables, equations, and graphs to describe the relationships.
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| **“I Can” Statement** | I can use tables, equations, and graphs to describe the relationships. |

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| **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. |

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

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| **Procedures** | 1. Start and lead student discussion related to the bell work. 2. Distribute the Guided Notes3. 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 1-9Assignment 1-9Exit Quiz 1-9 |

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| **Additional Resources** | See Online Activities |