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| **Class** | Algebra 1 | **Topic** | U1 – The Real Number System | **Lesson** | 1 | **Of** | 11 |

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| **Objective** | Students will:   * Classify the set of real numbers using their properties and characteristics. * Relate the concept of “opposites” in real-life situations. * Represent the real-life situations with integers. * Graph/Plot real numbers on a number line. * Differentiate positive integers form negative integers. * Graph/Plot integers on a number line. * Compare real numbers on a number line. * Arrange real numbers given a specific order. * Define absolute value. * Find the absolute value of real numbers. |
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| **“I Can” Statement** | I can classify the set of real numbers using their properties and characteristics.  I can connect the idea of “opposites” to integers and how it is related to real life situations.  I can plot real numbers on a number line and arranges them according to a given order.  I can define and evaluate the absolute value of real numbers. |

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| **Common Core Standards** | [CCSS.MATH.CONTENT.8.NS.A.1](http://www.corestandards.org/Math/Content/8/NS/A/1/) Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion which repeats eventually into a rational number. |

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

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| **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. |

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| **Assessment** | Bell Work 1-1  Assignment 1-1  Exit Quiz 1-1 |

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