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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 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 1-1Assignment 1-1Exit Quiz 1-1 |

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