**ARC Week at Glance—Mrs. Hiatt**

**Topic:** Properties of Matter **Course:** Physical Science **Grade:** 11 **Dates:** 9/22-9/26

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|  | **Learning Target**  **(I am learning about…)** | **Criteria for Success**  **(I can…)** | **Activation/ Instruction** | **Collaboration/ Guided Practice** | **Independent Learning/ Assessment** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* | | |
| **Monday** | I am learning about ionic and covalent bonding. | I can…   * Model bonding * Differentiate between a covalent and ionic bond * Correctly name a compound based off of its properties | Lewis Structure on whiteboard for covalent bonds  Lewis structures and naming practice  Venn Diagram Comparison | Write on notecards first—then present formula writing, naming, and lewis structures on white boards (Groups/Individuals if desired) | Study Guide for Homework, Quizziz in Canvas |
| **Tuesday** | I am demonstrating mastery of Unit 2. | I can…   * Demonstrate Mastery of Unit 2 concepts | Test Prep Tuesday | N/A Summative Assessment | Unit 2 Final Test |
| **Wednesday** | I am learning about Law of Conservation of Matter and types of reactions. | I can   * Explain how the Law of Conservation works in chemical reactions * Name the four different types of reactions (that we’re learning) | Law of Conservation Activation Question  Intro to Law of Conservation Close Read  Intro to types of reactions | Types of reactions stations  Teacher demonstration on law of conservation | TOTD: Labeling reactions based on their reaction type |
| **Thursday** | I am learning about types of reactions. | I can…   * Determine the kind of reaction taking place based on information given * Prove that the law of conservation of matter applies to chemical reactions * Explain what reactants and products are | Math question geared towards balancing reactions | Reaction types review  Begin Lesson over balancing reactions and easing into the math: Focus on synthesis and decomposition | Math practice, determining how many atoms are in present for different compounds and elements. |
| **Friday** | I am learning about balancing reactions | I can…   * Explain what reactants and products are * Balance different types of chemical reactions correctly | WIS-WIM Sentence writing/discussion board | Continue in balancing reactions: Focus on single replacement and double replacement | Balancing Reactions/Types of Reactions Assessment Check  Prep for Lab Monday |

Literacy Tasks Minor Assessment Major Assessment