Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_ Ast#: \_\_\_\_\_

**Physical Science Honors**

Science Performance Rating Scale

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Big Idea: MATTER** | | | **Assessed at Complexity Level:**  **2 – BASIC APPLICATION OF SKILLS & CONCEPTS** | | | |
| **Unit: Chemical Reactions** | | |
| **SC.9.12.P.8.8 – Characterize types of chemical reactions, for example: redox, acid-base, synthesis, and single and double replacement reactions.** | | | | | | |
| **MASTERY LEVEL** | | **Performance Indicators** | | **BEFORE INST.** | **DURING INST.** | **AFTER INST.** |
| **4** | **EXCEEDING**  **the Standard** | Apply the law of conservation of mass to balance chemical equations | |  |  |  |
| Identify whether a chemical reaction reflects the law of conservation of mass | |  |  |  |
| **3** | **MASTERY** | **Characterize types of chemical reactions** | |  |  |  |
| **2** | **PARTIAL MASTERY** | Interpret chemical formulas within a chemical reaction | |  |  |  |
| Identify reactants and products in a chemical reaction | |  |  |  |
| Identify definitions of key terms such as: CHEMICAL REACTION, REACTANT, PRODUCT, NEUTRALIZATION REACTION, SYNTHESIS REACTION, DECOMPOSITION REACTION, REPLACEMENT REACTION | |  |  |  |
| **1** | **BUILDING MASTERY** | With help, I can demonstrate partial mastery of some of the simpler tasks listed above, but I still make some mistakes. | |  |  |  |
| **0** | **NOVICE** | I currently have no knowledge or mastery of the skills and tasks listed above, but I will make an effort to learn them. | |  |  |  |