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. |  |  |  |