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

**8th Grade Comprehensive Science**

Science Performance Rating Scale

|  |  |
| --- | --- |
| **Big Idea: PROPERTIES OF MATTER** | **Assessed at Complexity Level:****2 – BASIC APPLICATION OF SKILLS & CONCEPTS** |
| **Unit: Classification of Matter** |
| **SC.8.P.8.1 – Explore the scientific theory of atoms (also known as atomic theory) by using models to explain the motion of particles in solids, liquids, and gasses.** |
| **ASSESSED AS SC.8.P.8.5** – Recognize that there are a finite number of elements and that their atoms combine in a multitude of ways to produce compounds that make up all of the living and nonliving things that we encounter. |
| **MASTERY** | **Performance Indicators** | **BEFORE INST.** | **DURING INST.** | **AFTER INST.** |
| **4** | **EXCEEDING****the Standard** | Analyze models of the scientific theory of atoms and the motion of atomic particles |  |  |  |
| Apply knowledge of atoms and the motion of atomic particles |  |  |  |
| **3** | **MASTERY** | **Relate the scientific theory of atoms using models** |  |  |  |
| **2** | **PARTIAL MASTERY** | Interpret models of the scientific theory of atoms |  |  |  |
| **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. |  |  |  |