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: Measuring Matter** |
| **SC.8.P.8.2 – Differentiate between weight and mass recognizing that weight is the amount of gravitational pull on an object and is distinct from, though proportional to, mass.** |
| **ASSESSED AS:**SC.6.P.13.1 – Investigate and describe types of forces including contact forces and forces acting at a distance, such as electrical, magnetic, and gravitational. |
| **MASTERY** | **Performance Indicators** | **BEFORE INST.** | **DURING INST.** | **AFTER INST.** |
| **4** | **EXCEEDING****the Standard** | Analyze the relationship among distance, mass, and the gravitational force between two objects |  |  |  |
| **3** | **MASTERY** | Relate the relationship among distance, mass, and gravitational force between two objects |  |  |  |
| Differentiate mass and weight |  |  |  |
| **2** | **PARTIAL MASTERY** | Recognize that there is a relationship among distance, mass, and the gravitational force between two objects |  |  |  |
| Recognize that there is a difference between mass and weight |  |  |  |
| **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. |  |  |  |