**Conservation is the Law**

**Benchmarks: SC.8.P.9.2 Differentiate between physical changes and chemical changes**. SC.8.P.9.1 Explore the Law of Conservation of Mass by demonstrating and concluding that mass is conserved when substances undergo physical and chemicalchanges.SC.8.P.9.3Investigateand describe how temperature influences chemical changes.

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| **4** | I am able to **design** an **experiment** to **demonstrate** physical and chemical changes. | |
| **3** | By **exploring** the Law of Conservation of Mass, I will be able to **differentiate** between physical and chemical changes. | |
| **2** | I can **define:**  \_\_\_\_ Law of Conservation of Mass  \_\_\_\_ Physical Changes  \_\_\_\_ Chemical Changes  \_\_\_\_ Oxidation  \_\_\_\_ Chemical properties  \_\_\_\_ Chemical reaction | \_\_\_\_ I can **identify** physical and chemical changes by **describing** physical and chemical properties of matter.  \_\_\_\_ I can **demonstrate** how chemical changes follow the law of conservation of mass. |
| I can **define:**  \_\_\_\_ Mass  \_\_\_\_ Celsius  \_\_\_\_ Temperature | \_\_\_\_I can **investigate** how temperature influences chemical changes. |
| **1** | With help, students are able to have partial success with learning goal. | |