**7th Grade Science Lesson Plans**

November 4 – November 8

Modeling Conservation of Mass

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|  | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **CONTENT**  **OBJECTIVE:** | Students will be able to demonstrate ***synthesis*** of conservation of matter in an open and closed system by ***designing*** an experiment to test and compare. | No School | Students will be able to demonstrate ***analysis*** of closed and open systems by ***explaining*** why a closed system demonstrates the law of conservation of matter using a type 2. | Students will be able to demonstrate ***analysis*** of bundle concepts by ***completing*** the review activity with an accuracy of 75% or greater. | ½ Day  Review |
| **LANGUAGE OBJECTIVE:** | Students will orally discuss the components needed for an experiment. |  | Students will write to explain using a type 2 writing. | Students will write to explain using various type 2 questions. |  |
| **VOCABULARY:** | Closed System, Open System, Endothermic, Exothermic |  |  |  |  |
| **NGSS:** | **MS-PS1-5:**  Develop and use a model to describe how the total number of atoms does not change in a chemical reaction, and thus mass is conserved. |  | **MS-PS1-5:**  Develop and use a model to describe how the total number of atoms does not change in a chemical reaction, and thus mass is conserved. | Multiple Standards Addressed |  |