**7th Grade Science Lesson Plans**

December 9 – 13

Photosynthesis

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|  | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **CONTENT**  **OBJECTIVE:** | Organize and Catch-Up needed from absent days. | Students will be able to demonstrate ***analysis*** of environmental and genetic factors by ***explaining*** which impact a plant’s ability to survive on a CER with a score of 4 or higher. | ½ Day | Students will be able to demonstrate ***synthesis*** of photosynthesis by ***creating*** a diagram of the transformation/movement of energy in photosynthesis. | Students will be able to demonstrate ***analysis*** of photosynthesis by ***explaining*** how an animal receives its energy through the photosynthesis process on a type 2 writing. |
| **LANGUAGE OBJECTIVE:** |  | Students will write to predict using a type 1. |  | Students will discuss their observations in the lab using question prompts. | Students will discuss using a question and sentence starter. |
| **VOCABULARY:** |  |  |  | Photosynthesis, chloroplast, chlorophyll |  |
| **NGSS:** |  | **MS-LS1-5:**  **Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.** |  | **MS-LS1-6:**  Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms. | **MS-LS1-6:**  Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms. |