|  |  |  |  |
| --- | --- | --- | --- |
| Monday | February 24th, 2019 | | |
| MS-PS3-4: Plan an investigation to determine the relationships among the energy transferred, the type of matter, the mass, and the change in the average kinetic energy of the particles as measured by the temperature of the sample. | | | |
|  |  | | |
| **Content**  **Objective** | Students will write to describe the factors affecting thermal energy transfer including density, amount of matter, and environment in the type 3 format.  (3 Step Edit) | | |
|  |  | | |
| **Language**  **Objective** | Students will write to describe the factors affecting thermal energy transfer including density, amount of matter, and environment in the type 3 format with complete sentences, 3 factors, and a topic sentence. (3 Step Edit) | | |
|  |  | | |
| **Phenomena** | | **Connecting Vocabulary** | **Connecting Vocabulary** |
| Why is the shallow water of a lake warmer than the deeper water below it? | | Heat  Mass  Temperature | Mechanical  Electrical  Light  Sound  Thermal  Kinetic  Solid  Liquid  Gas |

|  |  |  |  |
| --- | --- | --- | --- |
| Tuesday | February 25th, 2019 | | |
| MS-PS3-4: Plan an investigation to determine the relationships among the energy transferred, the type of matter, the mass, and the change in the average kinetic energy of the particles as measured by the temperature of the sample. | | | |
|  |  | | |
| **Content**  **Objective** | Students will review concepts surround the factors that affect thermal energy transfer using a study guide with at least 80% accuracy. | | |
|  |  | | |
| **Language**  **Objective** | Students will write to describe review concepts surround the factors that affect thermal energy transfer using a study guide with at least 80% accuracy. | | |
|  |  | | |
| **Phenomena** | | **Connecting Vocabulary** | **Connecting Vocabulary** |
| Why is the shallow water of a lake warmer than the deeper water below it? | | Heat  Mass  Temperature | Mechanical  Electrical  Light  Sound  Thermal  Kinetic  Solid  Liquid  Gas |

|  |  |  |  |
| --- | --- | --- | --- |
| Wednesday | February 26th, 2019 | | |
| MS-PS3-4: Plan an investigation to determine the relationships among the energy transferred, the type of matter, the mass, and the change in the average kinetic energy of the particles as measured by the temperature of the sample. | | | |
|  |  | | |
| **Content**  **Objective** | Common Assessment | | |
|  |  | | |
| **Language**  **Objective** | Common Assessment | | |
|  |  | | |
| **Phenomena** | | **Connecting Vocabulary** | **Connecting Vocabulary** |
| Why is the shallow water of a lake warmer than the deeper water below it? | | Heat  Mass  Temperature | Mechanical  Electrical  Light  Sound  Thermal  Kinetic  Solid  Liquid  Gas |

|  |  |  |  |
| --- | --- | --- | --- |
| Thursday | February 27th, 2019 | | |
| MS-PS3-4: Plan an investigation to determine the relationships among the energy transferred, the type of matter, the mass, and the change in the average kinetic energy of the particles as measured by the temperature of the sample. | | | |
|  |  | | |
| **Content**  **Objective** | Students will read to analyze concepts concerning energy transfer and temperature as demonstrated by completing their main idea concept graphic organizer with the main idea and at least 1 detail for each section in their article. | | |
|  |  | | |
| **Language**  **Objective** | Students will write to describe concepts concerning energy transfer and temperature as demonstrated by completing their main idea concept graphic organizer with the main idea and at least 1 detail for each section in their article. | | |
|  |  | | |
| **Phenomena** | | **Connecting Vocabulary** | **Connecting Vocabulary** |
| Why is the shallow water of a lake warmer than the deeper water below it? | | Heat  Mass  Temperature | Mechanical  Electrical  Light  Sound  Thermal  Kinetic  Solid  Liquid  Gas |

|  |  |  |  |
| --- | --- | --- | --- |
| Friday | February 28th, 2019 | | |
| MS-PS3-4: Plan an investigation to determine the relationships among the energy transferred, the type of matter, the mass, and the change in the average kinetic energy of the particles as measured by the temperature of the sample. | | | |
|  |  | | |
| **Content**  **Objective** | Students will explore connections and applications of science content through interactions with authentic real-world media provided by Associated Press and answer guiding questions. All answers will be accepted as this is to spark the imagination. | | |
|  |  | | |
| **Language**  **Objective** | Students will write to describe connections and applications of science content through interactions with authentic real-world media provided by Associated Press and answer guiding questions. All answers will be accepted as this is to spark the imagination. | | |
|  |  | | |
| **Phenomena** | | **Connecting Vocabulary** | **Connecting Vocabulary** |
| Why is the shallow water of a lake warmer than the deeper water below it? | | Heat  Mass  Temperature | Mechanical  Electrical  Light  Sound  Thermal  Kinetic  Solid  Liquid  Gas |