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| **Teacher: Mrs. McGehee** | **Week of: 9-25-17** |
| **Subject: 7th Science** |  |

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| Monday | Tuesday | Wednesday | Thursday | Friday |
| **SPI 0707.11.1** Differentiate between the six simple machines.  **SPI 0707.11.2** Determine the amount of force needed to do work using different simple machines. | **SPI 0707.11.1** Differentiate between the six simple machines.  **SPI 0707.11.2** Determine the amount of force needed to do work using different simple machines. | **SPI 0707.11.1** Differentiate between the six simple machines.  **SPI 0707.11.2** Determine the amount of force needed to do work using different simple machines. | **SPI 0707.11.5** Compare and contrast the different parts of a wave.  **SPI 0707.11.6** Differentiate between transverse and longitudinal waves in terms of how they are produced and transmitted. | **SPI 0707.11.5** Compare and contrast the different parts of a wave.  **SPI 0707.11.6** Differentiate between transverse and longitudinal waves in terms of how they are produced and transmitted. |
| **Students will understand, know, be able**  **to…** Identify the function of wheels, axles & pulleys.  Recall the differences between these types of simple machines and name examples of each. | **Students will understand, know, be able to…** Identify the function of a lever.  Recognize various types of lever classes and name examples of each. | **Students will understand, know, be able to…**  Differentiate between the six simple machines. | **Students will understand, know, be able to…**  Describe how energy moves from one place to another.  Label and define the amplitude, wavelength, and peak of a wave. | **Students will understand, know, be able to…**    Describe how energy moves from one place to another.  Label and define the amplitude, wavelength, and peak of a wave. |
| **Learning Activities:**  Wheels Axles and Pulleys | **Learning Activities:**  Levers | **Learning Activities:**  Projects Due | **Learning Activities:**  Review for Simple Machines test | **Learning Activities:**  Test  Begin parts of a Wave |
| **Assignments:**  Review  (Schoology) | **Assignments:**  Review  (Schoology) | **Assignments:**  Review  (Schoology) | **Assignments:**  Review  (Schoology) | **Assignments:** |

\*\*Any activity not finished in class will become homework for the student.

State Performance Indicators:

* 0707.Inq.1 Design a simple experimental procedure with an identified control and appropriate variables.
* 0707.Inq.2 Select tools and procedures needed to conduct a moderately complex experiment.
* 0707.11.1 Differentiate between the six simple machines.
* 0707.11.2 Determine the amount of force needed to do work using different simple machines.
* 0707.11.3 Apply proper equations to solve basic problems pertaining to distance, time, speed, and velocity.
* 0707.11.4 Identify and explain how Newton’s laws of motion relate to the movement of objects.
* 0707.11.5 Compare and contrast the different parts of a wave.
* 0707.11.6 Differentiate between transverse and longitudinal waves in terms of how they are produced and transmitted.