

# **7th Grade Science Agenda- Mrs. Sharon**

Week of May 8, 2017

<b>Day</b>	<b>In Class/Learning Targets</b>	<b>HW/Reminders</b>
<b>Monday 5-8</b>	<b>Block Schedule-Odd Day (1, 3, 7)</b>  1. <b>M-STEP: Science Test 1</b>  2. Pass back quizzes-Quiz Corrections due by Friday  3. Waves Vocab (if time)	<b>CHARGE YOUR LAPTOP!</b>  <b>Bring a book to read after the M-STEP</b>
<b>Tuesday 5-9</b>	<b>Block Schedule-Even Day (2, 4, 6)</b>  <b>See Monday</b>	
<b>Wednesday 5-10</b>	<b>Block Schedule-Odd Day (1, 3, 7)</b>  1. <b>M-STEP: Science Test 2</b>  2. Waves Vocab (if time)	<b>CHARGE YOUR LAPTOP!</b>  <b>Bring a book to read after the M-STEP</b>
<b>Thursday 5-11</b>	<b>Block Schedule-Even Day (2, 4, 6)</b>  <b>See Wednesday</b>	
<b>Friday 5-12</b>	<b>See All Classes/Early Release</b>  <b>Focus Question: What is currently happening in the world of science?</b>  1. Finish Waves Vocab 2. Science World Magazine	

Turn Over for Standards covered this unit.

## **Engineering Design (All Levels)**

**MS-ETS1-1** Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.

**MS-ETS1-2** Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem.

**MS-ETS1-3** Analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success.

**MS-ETS1-4** Develop a model to generate data for iterative testing and modification of a proposed object, tool, or process such that an optimal design can be achieved.

## **Waves and Electromagnetic Radiation**

**MS-PS4-1** Use mathematical representations to describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave.

**MS-PS4-2** Develop and use a model to describe that waves are reflected, absorbed, or transmitted through various materials.

**MS-PS4-3** Integrate qualitative scientific and technical information to support the claim that digitized signals are a more reliable way to encode and transmit information than analog signals.