

7th Grade Science Agenda- Mrs. Sharon

Week of June 5, 2017

Day	In Class/Learning Targets	HW/Reminders
<p>Monday 6-5</p> <p><i>I can determine the differences between analog vs. digital signals.</i></p>	<p>Block Schedule-Odd Day (1, 3, 7)</p> <ol style="list-style-type: none"> 1. Study Guide for Waves Quiz (due on Thursday) 2. Analog vs. Digital Signals Venn Diagram http://www.explainthatstuff.com/analog-and-digital.html 3. Bill Nye Sound https://www.youtube.com/watch?v=EFpqrmdfeMOA <p>Success Criteria: Students will score 80% on the sound video quiz. Students will complete the Venn diagram.</p>	<p>Quiz June 12/13</p>
<p>Tuesday 6-6</p>	<p>Block Schedule-Odd Day (2, 4, 6)</p> <p>See Monday</p> <p>Yearbook Distribution -7th Hour</p>	<p>Field Trip tomorrow. Order or bring a lunch!</p>
<p>Wednesday 6-7</p>	<p>Block Schedule-Odd Day (1, 3, 7)</p> <ol style="list-style-type: none"> 1. Waves Word Search <p><u>Field Trip to the Imagination Station</u> <u>Leave at 8:30 a.m.</u></p>	<p>Quiz June 12/13</p>
<p>Thursday 6-8</p> <p><i>I can determine the differences between analog vs. digital signals.</i></p>	<p>See Math and Science</p> <ol style="list-style-type: none"> 1. Check Study Guide 2. Analog vs. Digital Signals Card Sort <p>Success Criteria: Students will complete the card sort accurately. Students will also complete the study guide with 80% accuracy.</p>	<p>Turn in study guide on quiz day!</p> <p>Study!!</p>
<p>Friday 6-9</p>	<p>See All Classes/Early Release</p> <p>Citizenship Celebration!-10:30 a.m.</p> <ol style="list-style-type: none"> 1. How Old Are Your Ears? https://www.youtube.com/watch?v=VxcbppCX6Rk 2. Measuring Sound WS 	<p>Study for your Quiz June 12/13</p>

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.