Davis - 7th Grade Science Agenda

Week of June 5, 2017

Day	In Class/Learning Targets	HW/Reminders
Monday 6-5 *I can determine the differences between analog vs. digital signals.*	**Block Schedule-Odd Day (3, 5)** 1. Study Guide for Waves Quiz (due on Thursday) 2. Bill Nye Sound 3. Analog vs. Digital Signals Venn Diagram **Success Criteria:** Students will score 80% on the sound video quiz. Students will complete the Venn diagram.	**Quiz June 12/13**
Tuesday 6-6	**Block Schedule-Odd Day (2, 4)** **See Monday**	**Field Trip tomorrow. Order or bring a lunch!**
Wednesday 6-7	**Block Schedule-Odd Day (3, 5)** Field Trip to the Imagination Station Leave at 8:30 a.m.	**Quiz June 12/13**
Thursday 6-8 *I can determine the differences between analog vs. digital signals.*	**See Math and Science** 1. Check Study Guide 2. Analog vs. Digital Signals Card Sort 3. **Begin Binder Checks** **Success Criteria:** Students will complete the card sort accurately. Students will also complete the study guide with 80% accuracy.	
Friday 6-9	**See All Classes/Early Release** **Citizenship Celebration!** 10:30 a.m.	**Quiz June 12/13**

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.