

# SCIENCE AGENDA April 29th - May 3rd

**Content Standard: MS-PS2-3** Ask questions about data to determine the factors that affect the strength of electric and magnetic forces.

**MS-PS3-1** Construct and interpret graphical displays of data to describe the relationships of kinetic energy to mass of an object and to the speed of an object.

**MS-PS3-2** Develop a model to describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored in the system.

**MS-PS3-5** Construct, use and present arguments to support the claim that when the kinetic energy of an object changes, energy is transferred to or from the object.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA
<b>Monday</b> April 29th	<b>FOCUS QUESTION</b> What are the ideal conditions for a hydro generator or wind generator?	<a href="#">Unit 7.1 (Lesson 5) Mass, Speed and Kinetic Energy</a> <ul style="list-style-type: none"> <li>Students will look at different water and wind generation systems and answer some questions about them.</li> </ul>	<b>HW:</b> None  Students will be able to describe what conditions would be ideal for producing the most electricity when using a hydro generator or wind generator.
<b>Tuesday</b> April 30th	<b>FOCUS QUESTION</b> Where is the best place to put a hydro generator or wind generator on the property your parents bought?	<ul style="list-style-type: none"> <li>Students will fill in the unit summary table.</li> <li>We will revisit the class bubble map to see if we can answer any of the questions.</li> </ul>	<b>HW:</b> None  Students will be able to explain where they would put a hydro or wind generator on their property in the Unit Scenario.
<b>Wednesday</b> May 1st	<b>FOCUS QUESTION</b> What do I need to know for tomorrow's quiz?	<ul style="list-style-type: none"> <li>Students will review for the tomorrow's quiz.</li> </ul>	<b>HW:</b> None  Students will know what they need to study for on the
<b>Thursday</b> May 2nd	<b>FOCUS QUESTION</b> How am I progressing on the standards MS-PS3-1 and MS-PS3-5?	<ul style="list-style-type: none"> <li>Students will take a quiz.</li> </ul>	<b>HW:</b> None  Students will score at least an 80% or higher on the quiz
<b>Friday</b> May 3rd	<b>FOCUS QUESTION</b> Where is the energy located in a wrecking ball system.	<ul style="list-style-type: none"> <li>Students will watch a <a href="#">wrecking ball video</a> and discuss where the most energy is in the system.</li> </ul>	<b>HW:</b> None  Students will be able to explain where the energy is located in the wrecking ball system.