

# SCIENCE AGENDA May 6 - 10th

**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> May 6th	<b>FOCUS QUESTION</b> How does energy change as it is transferred between objects in a system?	<a href="#">Unit 7.1 Lesson 6 Slide Show</a> <ul style="list-style-type: none"> <li>Students will make quiz corrections on the quiz they took on last week, Thursday.</li> <li>Students will make a claim about the the best way a windmill can capture the wind.</li> </ul>	<b>HW:</b> None  Students will
<b>Tuesday</b> May 7th	<b>FOCUS QUESTION</b> How was the energy transferred in the windmill system?	<ul style="list-style-type: none"> <li>Students will make a windmill and test and collect data to find the best way to capture the wind.</li> </ul>	<b>HW:</b> None  Students will be able to design and construct the a windmill that will be able to collect the most wind.
<b>Wednesday</b> May 8th	<b>FOCUS QUESTION</b> How is our environment impacted by plastics?  <b>Guest Teacher</b> (I will be in Washington D.C.)	<ul style="list-style-type: none"> <li>Students will finish their CER (Claim, Evidence and Reasoning)</li> <li>Students will draw their windmill model and show where the energy is in the system.</li> <li>Students will fill in the Unit Summary Table rows A and B</li> </ul>	<b>HW:</b> None  Students will able to explain how wind speed affects the ability of a wind turbine to produce energy.
<b>Thursday</b> May 9th	<b>FOCUS QUESTION</b> How is our environment impacted by plastics?  <b>Guest Teacher</b> (I will be in Washington D.C.)	<ul style="list-style-type: none"> <li>Students will watch a presentation on PlastiVan in room 104</li> </ul>	<b>HW:</b> None  Students will able to explain the pros and cons of using plastics. They will also know how to recycle plastics responsibly.
<b>Friday</b> May 10th	<b>FOCUS QUESTION</b> What are the steps of the Engineering and Design Process?  <b>Guest Teacher</b> (I will be in Washington D.C.)	<ul style="list-style-type: none"> <li>Students will watch a short video on <a href="#">Engineering</a>.</li> <li>Students will complete an Exit Ticket</li> </ul>	<b>HW:</b> None  Students will I can explain the steps of the engineering and design process.