

# SCIENCE AGENDA November 5 - 9th

**Content Standard:** MS-PS1-2. Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA
	<p><b>FOCUS QUESTION</b> What is the difference between a chemical and a physical change?</p> <p><b>Shelter in Place 10:15 a.m. (3rd Hour)</b></p>	<ul style="list-style-type: none"> <li>• Students will read about the difference between a physical and chemical change.</li> <li>• Students will receive notes on signs that a chemical reaction has occurred</li> <li>• Students will watch some demos:                Magic coloring book                Flour and Doritos fire                Scary Francium video                Potassium permanganate and glycerol burst into flames.</li> </ul>	<p><b>HW:</b> None</p> <p>Students will be able to explain that a physical change doesn't change the composition of the matter, but a chemical change does.</p>
<p><b>Tuesday</b> November 6th</p>	<p><b>NO SCHOOL</b> (Election Day - Don't forget to vote!)</p>		
<p><b>Wednesday</b> November 7th</p>	<p><b>FOCUS QUESTION</b> How is it helpful to know the color different things burn?</p> <p><b>Conferences 5-8 p.m.</b></p>	<ul style="list-style-type: none"> <li>• Students will burn different metallic salts to learn their flame color. (Chemical Change)</li> </ul>	<p><b>HW:</b> None</p> <p>Students will be able to be able to explain how knowing the different flame colors of materials is helpful because . . .</p>
<p><b>Thursday</b> November 8th</p>	<p><b>FOCUS QUESTION</b> How do you find the density of an object?</p> <p><b>Early Dismissal at 1:25 p.m. (Friday Schedule)</b> <b>Conferences 2-4 p.m.</b></p>	<ul style="list-style-type: none"> <li>• Students will use calculators to find the density of different objects on a PhET simulator and answer questions about density.</li> </ul> <p><a href="https://phet.colorado.edu/sims/density-and-buoyancy/density_en.html">https://phet.colorado.edu/sims/density-and-buoyancy/density_en.html</a></p>	<p><b>HW:</b> None</p> <p>Students will be able to find the density of an object by dividing the mass by the volume.</p>
<p><b>Friday</b> November 9th</p>	<p><b>FOCUS QUESTION</b> Why do the soap bubbles explode when an electric current is sent through the water?</p>	<ul style="list-style-type: none"> <li>• Students will watch an electric current sent through water and make hydrogen bubbles.</li> <li>• Then students will answer questions and try to explain what is happening.</li> </ul>	<p><b>HW:</b> None</p> <p>Students will be able to explain how the electricity is breaking the bonds between the hydrogen and oxygen atoms.</p>