

# SCIENCE AGENDA December 5 - 9th

**Content Standard:** Substances react chemically in characteristic ways. In a chemical process, the atoms that make up the original substances are regrouped into different molecules, and these new substances have different properties from those of the reactants.

DATE	LEARNING TARGET	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
<b>Monday</b> December 5th	<b>FOCUS QUESTION</b> What are the indications that a chemical change has taken place?	<ul style="list-style-type: none"> <li>• Students will Book Pages 22-25 (Chemical Changes)</li> <li>• Students will learn how to identify the reactants and products in a chemical equation.</li> <li>• Students will be able to name the signs that a chemical change is taking place.</li> <li>• <b>Demonstration:</b> Hydrogen Bubbles Using energy to separate water molecules into hydrogen and oxygen.</li> </ul>	<b>HW:</b> None  Students will be able to name at least three indicators of a chemical reaction.
<b>Tuesday</b> December 6th	<b>FOCUS QUESTION</b> What is the difference between a physical and a chemical reaction? What are the indicators that a chemical reaction has taken place?	<ul style="list-style-type: none"> <li>• Students will participate in a lab where they will put sodium hydroxide in water and observe the reaction.</li> </ul>	<b>HW:</b> Finish Lab Questions  Students will be able to explain why this lab was an indicator of a chemical reaction.
<b>Wednesday</b> December 7th	<b>FOCUS QUESTION</b> What is the difference between a physical and a chemical reaction? What are the indicators that a chemical reaction has taken place?	<b>Lab (Slime)</b> Students will observe that when two chemicals mix that there is a temperature change and a new substance is made.	<b>HW:</b> Finish Lab Questions  Students will be able to explain why this lab was an indicator of a chemical reaction.
<b>Thursday</b> December 8th	<b>FOCUS QUESTION</b> What is the difference between a physical and a chemical reaction? What are the indicators that a chemical reaction has taken place?	<b>Lab (Ice Cream)</b> Students will mix some ingredients together to make ice cream. It will become ice cream because it is a change in the state of matter which is an example of a physical change.	<b>HW:</b> Finish Lab Questions  Students will be able to explain why this lab was <b>NOT</b> an indicator of a chemical reaction.
<b>Friday</b> December 9th	<b>FOCUS QUESTION</b> What is the difference between a physical and a chemical reaction? What are the indicators that a chemical reaction has taken place?	<b>SCIENCE QUIZ</b> (Chemical Changes)	<b>HW:</b> None  Students will achieve an 80% or better on their quiz.