

SCIENCE AGENDA November 7 - 11th

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	LEARNING TARGET	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
Monday November 7th	FOCUS QUESTION How is a chemical property different from a physical property?	Students will discuss the differences between a chemical and physical property. I will demonstrate some chemical properties. Magnesium and hydrogen peroxide methane gas burning watch flame colors on YouTube video	HW: None Students will be able to explain the difference between a physical and chemical property?
Tuesday November 8th	NO SCHOOL		
Wednesday November 9th	FOCUS QUESTION What does pH level tell you about a substance?	Students will perform a lab to learn the chemical properties of different substances. Lab: Chemical Property (pH level)	HW: Finish Lab Questions Students can explain that pH level tells you whether or not a substance is an acid or a base, and they should be able to explain the color that represents an acid or a base.
Thursday November 10th	FOCUS QUESTION How is the knowledge of the different colors that chemicals burn useful in the real world?	Students will perform a lab to learn the different colors that elements burn. They will then brainstorm why knowing the different flame colors of elements is important. Lab: Chemical Flame Test (Chemical Property)	HW: Finish Lab Questions Students can explain how chemical flame color is used in the real world. (Firefighters - fireworks)
Friday November 11th	I can explain the difference between a physical and chemical property. I can name some physical and chemical properties.	Science Quiz (Physical and Chemical Properties)	HW: None Students will be able to answer the questions on their science quiz with an accuracy of 80% or better.