

Name _____

Atoms, Elements, and Molecules: Element Showcase Project

Project Description:

In this project, you will choose an element from the periodic table and create a showcase to share information about that element. You can use a poster, a digital presentation, or any other creative format to present your findings.

Purpose of the Project:

This project will help you learn more about an element of your choice and its importance in our daily lives. It will also enhance your research and presentation skills.

Project Instructions:

1. Choose an element from the periodic table. You can use a random selection, or pick one that interests you.
2. Research your chosen element. Find information about its atomic number, atomic mass, symbol, common uses, and any interesting facts about it.
3. Create a showcase that includes the following:
 - The element's name, symbol, and atomic number.
 - A brief description of the element, including its properties (e.g., solid, liquid, gas), color, and state at room temperature.
 - Information about where the element is found in nature.
 - Common uses of the element in everyday life.
 - A creative representation or illustration of the element (e.g., a drawing, a model, or a digital graphic).
 - Any interesting or fun facts about the element.
4. Present your showcase to your class or family, sharing what you've learned about your chosen element.

Outcome:

By completing this project, you will have a better understanding of one element from the periodic table and its significance. You will also have developed research and presentation skills.