

Periodic Table of Elements Project Cube

Directions

You will select an element from the periodic table. Collect as much information about your element as possible using your Periodic Table, and the internet. Place the data collected neatly on the 6 sides of the cube. Last, cut out the element cube and tape/glue together. Use this worksheet to record your research.

Side #1 - The Basics

Name and symbol of your element
Atomic number
Atomic mass
(you can get this information on the periodic table).

Side #2 - Uses (two to three)

You must include pictures and descriptions of how the element is used. For example: Helium is used in balloons. Mercury was used in thermometers.

Side #3 - The Bohr model

Draw the Bohr model using the following information:
Number of protons
Number of neutrons
Number of electrons

Side #4 - Chemical and physical properties

Write the chemical and physical properties of your element

Color _____
Density _____
Boiling point (C) _____
Melting point (C) _____
State of matter at room temperature _____

Side #5 - Location

Where is the the element found in the world?

Side #6 - History

Identify the history, date of discovery, and who discovered it.

