Periodic Table of Elements Project

PURPOSE:

In this project you will research information about ONE particular element and create an "ALL ABOUT (your element)" flyer.

All of this should be submitted in Schoology in ONE Word document.

MATERIALS:

Internet

All parts of this document should be typed and submitted in SCHOOLOGY in ONE Word document. Parts A and B can be on the same page, but they don't have to be. Part C and D are on the sheet. These components make up your flyer. Part E should be the last page of your Word document and should be completed in MLA format.

Part A - Physical Properties

1. Type the name of your element. _____
2. Look the element up on your periodic table and record its symbol.
3. Copy the following:

   Atomic Number is _____.

   The number of protons is _____.

   The number of electrons is _____.

   Atomic Mass Number is _____.

   The number of neutrons is _____.

   What is its period?_____group?_____

   What is its melting point? _____boiling point?_____

   What is its classification: a metal, nonmetal, or metalloid?

   What is its density?_____

   Is it a solid, liquid, or gas?_____

   What is its color?_____

Go to this periodic table (http://www.chemicalelements.com/) and click on the symbol of your element to find the necessary information to answer these questions.

Part B - History

1. Title this page *History* and find the following information:

Who discovered it?_____

When was it discovered?_____

Where was it discovered?_____

How was it discovered?_____

Note: If any of this information cannot be found, just record *Unavailable,* but If I find it, you will lose points for not having the information.

Part C – Atomic Structure

Find a picture of the atomic structure and copy it onto the flyer for your element. (Please see example below.)

Part D – Flyer

Once you have found all the information above, you will create your own periodic table square for that element. This should be completed on a new sheet AFTER you have completed part A and part B on the page(s) before.

Part E – Works Cited *(MLA Format) Please make your works cited page your last page.*

• Atomic Number • # of Protons • # of Electrons	• Atomic Mass Number (Rounded) • # of Neutrons • # of Electrons

Symbol of

Element

- Name of Element
- Scientist who discovered element

Atomic Structure

• Classification (Metal, nonmetal, metalloid) • State at room temp (gas, solid, liquid)	• 3 uses or interesting facts about the element