Adopt-An-Element

**Your job:** You are to pick one element off the periodic table. That element is the one you are going to attempt to sell to people. When completing this activity you are to be creative. When it comes to selling items people find creative and resourceful ways to sell just about anything. That will be your job when selling an element.

**Requirements:**

1. **Complete the Adopt an Element Information sheet (60 % of grade)**

During class, we will be working with the IPods that the school has. On the IPods, is a periodic table app. That is where we will be getting the bulk of the information from on your element. The information sheet must be completed in order to get full credit. Unfortunately not all the information is present for all elements so we will adjust the required information for those.

1. **Create an advertisement for your element. (40% of grade)**

An advertisement can include one of the following: brochure, poster, or video commercial. Be creative when coming up with it. Your commercial can include a rap or a poem. Other ideas are accepted but must be run by the teacher first. In the advertisement, you must include the following:

* Element’s name
* Element’s symbol
* Atomic Number
* Atomic Mass
* Ad slogan
* Cost

***Creativity will help greatly when getting your grade. Take the extra time to do a commercial and you will find you are more effective than just a poster.***

***Rubric***

Advertisement = 24 points (40%)

Basic Information (Atomic #, Atomic mass, Symbol, Name, Cost, Your Name)……………..12 points

Slogan and pictures …………………………………………………………………………………………………5 points

Creativity ……………………………………………………………………………………………………….……….7 points

Information Sheet= 36 points

Basic Information

(Name, Symbol, Atomic #, Atomic Mass, Protons, Neutrons, Electrons, Melting Points, Boiling

Point, Normal Phase)………………………………………………………………………………….16 Points

Other information…………………………………………………………………………………………………….12 Points

(Cost, Nonmetal/Metal/Metalloid, Family, Origin of Name, Etc.)

Neat………………………………………………………………………………………………………………………...8 Points

Adopt An Element Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fact Sheet Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Symbol Atomic Number Atomic Mass

\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

# of Protons # of Neutrons # of Electrons

\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

Melting Point Boiling Point Normal Phase

\_\_\_\_\_\_\_\_\_\_\_\_0F \_\_\_\_\_\_\_\_\_\_\_\_\_\_0F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Density Hardness Electronegativity

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Classification: Nonmetal Metal Metalloid

My element belongs to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_family

Origin of Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Discovered by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in \_\_\_\_\_\_\_

Interesting Info (May include facts, uses, places found)

1.

2.

3.

4.

5.