

Adopt-an-Element Project

Due: Monday, March 16th

Requirements:

1) Complete the Adopt-An-Element Information Sheet (25 points)

You must use a variety of references sources to complete the information sheet (a **minimum of 3 references**). Possible sources include encyclopedias, science texts, science catalogues, and/or Internet websites*. Information sheets must be **neat, written in black ink or typed**, and **contain all necessary information**. You must provide a **works cited list** (correct MLA format) either on the back of or attached to your information sheet.

2) Create an Advertisement for Your Element (25 points)

The advertisement must include the element's name, symbol, atomic number, atomic mass, cost, an advertising slogan that describes one or more of its important uses, and pictures/drawings that illustrate the element, its uses, and/or your advertisement theme. Advertisements must be neat, colorful, and contain all the information listed above. It should also follow the format below. Size?

Example advertisement:

Be sure to include

- Elements symbol
- Element name
- Atomic number
- Atomic mass
- Ad slogan
- Cost
- Your name
- Pictures/drawings

*Note: A list of periodic table websites is available on The Science Spot (go to <http://sciencespot.net/> Choose Kid Zone, then under Chemistry, choose Periodic Table Sites)

Adopt-an-Element

Grading Rubric

Advertisement = 25 pts (50%)

- Provides all basic information – **10 pts**
 - Atomic Number
 - Atomic Mass
 - Symbol
 - Element name
 - Cost
 - Student name_____
- Slogan and pictures are included and relevant – **10 pts** _____
- Directions are followed – **5 pts**
(neat, spelling, format, original) _____

Information Sheet = 25 points (50%)

- Correctly provides all basic information – **10 pts**
 - Element Name
 - Atomic Mass
 - Electrons
 - Normal Phase
 - Symbol
 - Protons
 - Melting Point
 - Atomic Number
 - Neutrons
 - Boiling Point_____
- Correctly provides other information – **10 pts** _____
 - Cost
 - Nonmetal/Metal/Metalloid
 - Family
 - Origin of Name
 - Discovery and Date
 - Interesting Information and Uses
- Works Cited is included– **3 pts** _____
At least 3 sources, correct MLA format
- Directions are followed– **2 pts** _____
Black ink/typed, complete sentences, spelling, neat

Total Points = _____/50 = _____%

Adopt-an-Element Fact Sheet

Name: _____

Element: _____

Symbol

Atomic Number

Atomic Mass

of Protons

of Neutrons

of Electrons

Melting Point

_____ °C

Boiling Point

_____ °C

Normal Phase

Cost = _____ for _____

Classification: Nonmetal Metal Metalloid

My element belongs to the _____ family.

Origin of Name _____

Discovered by _____ in _____

Interesting Information (may include important uses, interesting facts, common compounds, etc.):

1.

2.

3.

4.

5.

6.