Adopt-An-Element

Requirements:

1) Complete an Adopt An Element information sheet. (60% of grade)
You may use a variety of reference sources. Possible ideas are encyclopedias (book or CD Rom), science encyclopedias, science catalogs, magazines, and/or Internet sites*. Information sheets must be <u>neat</u>, <u>written in black ink</u>, and <u>contain all the information requested</u>.   You also need to provide a <u>list of your sources</u> on the back of your information sheet. A minimum of three sources are required.

2) Create an advertisement for your element. (40% of grade)
The advertisement must include the element's name, symbol, atomic number, atomic mass, cost, and an advertising slogan that describes one or more of its important uses.   Advertisements must be neat, colorful, and contain all the information listed above. You may add pictures that relate to your advertisement theme.
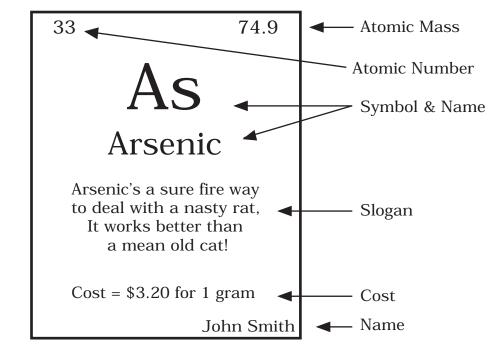
Example:

Be sure to include:
√ Element's symbol
√ Element's name
√ Atomic number
√ Atomic mass
√ Ad slogan
√ Cost
√ Your name

You may add pictures or drawings that illustrate the various uses for your element.

Your ad must follow the same format as this example!

33	74.9

← Atomic Mass

← Atomic Number

As
Arsenic

← Symbol & Name

Arsenic's a sure fire way to deal with a nasty rat, It works better than a mean old cat!

← Slogan

Cost = $3.20 for 1 gram

← Cost

John Smith

← Name

A list of periodic table sites is available on
The Science Spot
http://sciencespot.net/
Go to **Kid Zone**, then choose **Chemistry Links**

Adopt An Element
Grade Sheet

Name _____

Advertisement = 24 points (40%)

- **Provided basic information*** .... **+ 12** _____
    - ○ Atomic #   ○ Symbol   ○ Cost
    - ○ Atomic mass ○ Name   ○ Student's Name

- **Slogan and pictures relevant** .... **+ 10** _____

- **Followed directions** .... **+ 2** _____
    Neat, correct spelling/format, original

Information Sheet = 36 points (60%)

- **Provided basic information** .... **+ 10** _____
    - ○ Name   ○ Symbol   ○ Atomic #   ○ Atomic Mass
    - ○ Protons   ○ Neutrons   ○ Electrons   ○ Melting Point
    - ○ Boiling Point ○ Normal Phase

- **Other information** .... **+ 11** _____
    - ○ Cost
    - ○ Nonmetal/Metal/Metalloid
    - ○ Family
    - ○ Origin of Name
    - ○ ○ Discovery & Date
    - ○ ○ ○ ○ ○ ○ Interesting Information/Uses

- **References** .... **+ 9** _____
    Minimum of 3; provided required information; correct format

- **Miscellaneous** .... **+ 6** _____
    Black ink, complete sentences, correct spelling, neat

Total Points = _____ out of 60 = _____%

A   B   C   D   F