## 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.

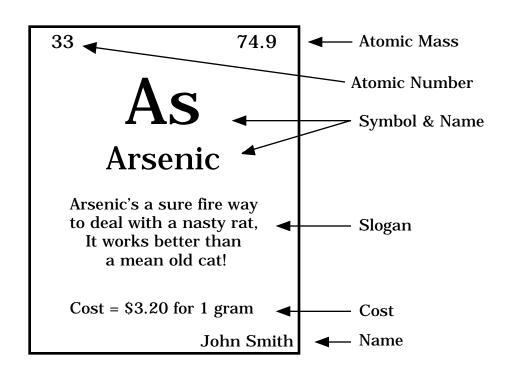
#### **Example:**

Be sure to include:

- **√** Element's symbol
- √ Element's name
- **√** Atomic number
- $\sqrt{}$  Atomic mass
- $\sqrt{\text{Ad slogan}}$
- √ 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!



A list of periodic table sites is available on

### The Science Spot

http://sciencespot.net/

Go to Kid Zone, then choose Chemistry Links

Adopt A	An Eleme	ent Name		
Fact Sheet		Element		
	Symbol	Atomic Number	Atomic Mass	
	# of Protons	# of Neutrons		
Melting Point oC		Boiling Point  OC		
		o <u>C</u> for		
		Nonmetal O Metal		
My	element belongs t	to the	family.	
Origin of Name	?			
Discovered by			in _	
Interesting Info	o: May inclu	ude important uses, interes	ting facts, common compou	ınds, etc.
1.				
2.				
3.				
4.				
5.				
6.				

# Adopt An Element Grade Sheet

Advertisement = 24 poir	its (40%)					
<ul> <li>Provided basic information</li> </ul>	mation*	+ 12				
O Atomic #	O Symbol	O Cost				
O Atomic mass	O Name	O Student's Name				
• Slogan and pictures relevant + 10						
• Followed directions  Neat, correct spel						
Information Sheet = 36	points (60%	<b>b</b> )				
<ul> <li>Provided basic information</li> </ul>	mation	+ 10				
O Name	O Symbol	O Atomic #	O Atomic Mass			
O Protons	O Neutrons	O Electrons	O Melting Point			
O Boiling Point	O Normal Ph	ase				
• Other information + 11						
O Cost	O Cost					
O Nonmetal/Metalloid						
O Family						
O Origin of Name						
O O Discovery & Date						
O O O O O Interesting Information/Uses						
• <b>References</b>		+ <b>9</b> ed information; correct				
• <b>Miscellaneous</b> Black ink, comple		+ <b>6</b> correct spelling, neat				

B C

Total Points = \_\_\_\_\_ out of 60 = \_\_\_\_\_%