

6.



## Adopt-An-Element

•	-An-Element Fact Sheet	Name _				
Г	raci Sneet	Element				
	Symbol	Atomic Number	Atomic Mass			
	# of Protons	# of Neutrons	# of Electrons			
	Melting Point	Boiling Point	Normal Phase			
	C	C				
	Cost =	for				
	Classification:	O Nonmetal O Metal	O Metalloid			
	My element be	longs to the	family.			
Origin of N	lame					
Discovered by			in			
Interesting	Info: May include imp	portant uses, interesting fac	ets, common compounds, etc.			
1.						
2.						
3.						
4.						
5.						
_						

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## 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 <a href="neat, written in black ink">neat, written in black ink</a>, and <a href="contain all the information requested">contain all the information requested</a>. You also need to provide a <a href="list of your sources">list of your sources</a> 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.

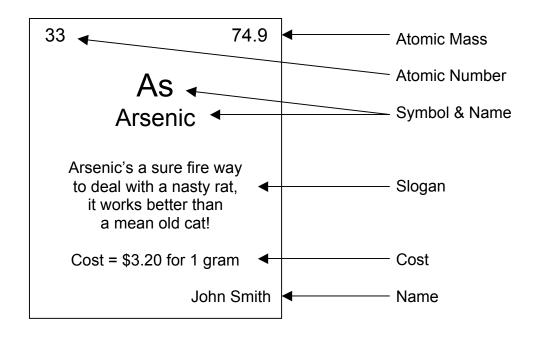
#### Example:

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!



A list of periodic table sites is available on

The Science Spot

http://sciencespot.net/

Go to Kid Zone, then choose Chemistry Links





Name \_\_\_\_\_

## Adopt-An-Element

**Grade Sheet** 

Advertisement = 24 p Provided basic inf		+ 12
O Atomic#	O Symbo	ol O Cost
O Atomic mass	O Name	→ Student's Name  Output  Description:  Output  Description:  Description:  Output  Description:  Description:  Output  Description:  Des
Slogan and pictur	es relevant	+ 10
	<b>ns</b> pelling/format, orig	+ 2 ginal
		o) + 10
Provided basic inf	formation	+ 10
Provided basic inf O Name	formation	
Provided basic inf O Name O Protons	formation	<ul><li>+ 10</li><li>O Atomic #</li><li>O Electrons</li><li>O Melting Point</li></ul>
Provided basic inf O Name O Protons O Boiling Point	formation	<ul><li>+ 10</li><li>O Atomic #</li><li>O Electrons</li><li>O Melting Point</li></ul>
Provided basic inf O Name O Protons O Boiling Point	formation	<ul> <li>Atomic #</li></ul>
Provided basic inf O Name O Protons O Boiling Point  Other information	formation	<ul> <li>Atomic #</li></ul>
<ul><li>O Name</li><li>O Protons</li><li>O Boiling Point</li><li>Other information</li><li>O Cost</li></ul>	formation	<ul> <li>Atomic #</li></ul>

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

References ...... + 9 \_\_\_\_\_\_

Minimum of 3; provided required information; correct format

Black ink, complete sentences, correct spelling, neat

ABCDF

Miscellaneous ...... + 6 \_\_\_\_\_\_

OO Discovery & Date

OOOOO Interesting Information/Uses





### Adopt-An-Element Project List

#### **Teacher Information**

# Visit the Chemicool site for details on cost information. \*Cost listed on Los Alamos \*\*No cost available

Н	Ga	Re	
He	Ge	Os	
Li	As	Ir	
Be	Se	Pt	
В	Br	Au	
С	Kr	Hg	
N	Rb	TI	
0	Sr	Pb	
F	Y	Bi	
Ne	Zr	Rn*	
Na	Nb	Ce	
Mg	Мо	Pr	
Al	Tc*	Nd	
Si	Ru	Pm*	
Р	Rh	Sm	
S	Pd	Eu	
CI	Ag	Gd	
Ar	Cd	Tb	
К	In	Dy	
Ca	Sn	Ho	
Sc	Sb	Er	
Ti	Te	Tm	
V	I	Yb	
Cr	Xe	Lu	
Mn	Cs	Th*	
Fe	Ва	Cm*	
Co	La	Cf*	
Ni	Hf	U**	
Cu	Та	Ra**	
Zn	W	Es**	