

Adopt an Element

Name: _____

Fact Sheet (Use Kami to edit this file)

Element: _____

25 pts

Symbol	Atomic number	Atomic mass
# of protons	# neutrons of most common isotope	# of electrons
Melting point	Boiling point	Normal state of matter (s,l,g) at room temperature
°C	°C	

5 points

The cost to purchase a sample of your element = \$_____ per lb / ounce / gram / liter
(circle one)

My element is a Metal Nonmetal Metalloid Noble Gas (circle one)

My element belongs to the _____ family or group in the periodic table.

Origin of name _____

Discovered by _____ in _____ (year)

Country of discovery _____

5 points

Uses of your element:

-
-
-

5 points

Interesting facts about your element:

-
-
-

5 points

Common compounds that your element forms: (Please give the actual chemical formulas)

**2
points**

Please include at least 3 references (where did you get your information from) using proper citation format (MLA). **DO NOT** simply write down a website's URL address! There are many helpful online citation programs you can use. All website citations should have a date!

Example of how to cite a website:

Hamilton, Calvin J. Views of the Solar System. 12 Nov. 2003
<<http://solarviews.com/eng/homepage.htm>>



**3
points**

The information that you collected about your element and wrote on this fact sheet will be used to create a "Baby Book" for your element. The due date for the baby book will be announced at a later date.

Total

Grade: _____ **/25pts** _____

Helpful websites to use:

www.chemicalelements.com

www.webelements.com

Adopt an Element Baby Book due _____

Name: _____

Element: _____

You have adopted an element from the periodic table. As a proud parent of your element, you will create a baby book to remember every stage of your element's life. This project will count **75 points** towards your Marking Period 1 grade.

Here are the requirements : (check off each one as you complete it)

_____ **Cover page—5 points**

Name of your element and your name
Decorative cover

_____ **Page 1—10 points**

Complete provided birth certificate including pictures

_____ **Page 2—10 points**

Name of element (give your element a first name)
Nickname of element (symbol)
Birth date (date element was discovered)
Birth weight (atomic mass)
Birth height (atomic number)
Race (type of element—metal, nonmetal, metalloid, noble gas)
Attending physician (person credited with discovery)
Gender (state of matter at room temperature)
Place of birth (country of discovery)
Personality (emotions: boiling point and melting point)
Signature of Parent (that's you)

_____ **Page 3—10 points**

Pronunciation rebus for your element's name (pictures represent words)

_____ **Page 4—10 points** *Family tree that contains the following information:*

Picture of element (Bohr model including protons, neutrons, electrons)
Family name (family or group of periodic table)
Brothers and sisters (names of other elements in the same family)
Pictures of brothers and sisters—Bohr models including protons, neutrons, electrons

_____ **Page 5—10 points** *When I grow up*

Your element's future career (what it will be used for when it grows up)
A picture of your element's career (one picture of its uses)
Your element's future partners (other elements it can react with & the compounds they make)

_____ **Page 6—10 points** *Lullaby*

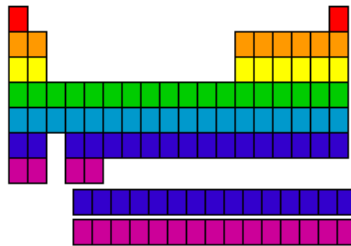
A poem or lullaby dedicated to your element (at least 6-8 lines).
Must be original and not taken from the internet.
Must contain a fact or two about your element.

_____ **Presentation and originality—10 points**



Total = 75 points

Congratulations



Place
Your
Photo
Here!

This is to certify that

Place
Your
Element's
Photo
Here!

Is the proud adoptive parent of _____

Element # _____

In this month of October in the year _____,
for the school year ending in June 2 _____.