

## Families on the Periodic Table

Directions: You will be making a poster of your family. Individually you must choose an element in your family group to do further research of that specific element.

Your Poster: How to present your Family and Element

- you must include two pictures
- legible writing to on posters of your research (the requirements)

Requirements of Family:

- characteristics of the family
- physical and chemical properties of the family
- uses of the family
- structure of valence electrons
- reactivity

Requirements of the Element:

- number of protons, neutrons, and electrons
- a description of the “personality of the element” and “its outward appearance”:
- include physical properties of the element,
- uses of the element,
- chemical properties of that element,
- the reactivity of that element

My Family Group: \_\_\_\_\_

Requirements of Family:

- Characteristics of the family

a.

b.

c.

d.

- Physical and chemical properties of the family

a.

b.

c.

d.

- Uses of the family

a.

b.

c.

d.

- Structure of valence electrons

Lewis:

Bohr:

- Reactivity

## Requirements of the Element:

- Number of protons, neutrons, and electrons

P:

E:

N:

- a description of the “personality of the element” and “its outward appearance”:

a.

b.

c.

d.

- Include physical properties of the element,

a.

b.

c.

d.

- Uses of the element,

a.

b.

c.

d.

- Chemical properties of that element

a.

b.

c.

d.

- Reactivity of that element

a.

b.

c.

d.