

Name: _____

Date: _____

We Are Family!

H																	He
Li	Be										B	C	N	O	F	Ne	
Na	Mg										Al	Si	P	S	Cl	Ar	
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn

Go to http://www.chem4kids.com/files/elem_families.html to answer the following questions about the families of the periodic table.

1. Scientists group **families** of elements by their chemical _____. Each family reacts a different way with the outside world.
2. The _____ of the periodic table are used to define families.

For each of the following families:

1. List 2 physical or chemical properties and 2 interesting facts. For example, physical properties include "shiny," "good conductor," etc. and chemical properties include "how reactive" the members of the family are.
2. Choose a color and color that family in on the periodic table above.

Halogens (color =)

Properties:

Interesting facts:

Inert Gases (color =)

Properties:

Interesting facts:

Metals (color =)

Properties:

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Alkali Metals (color =)

Properties:

Interesting facts:

Alkaline Earth Metals (color =)

Properties:

Interesting facts:

Transition Metals (color =)

Properties:

Interesting facts:

Lanthanide (color =)

Properties:

Interesting facts:

Actinide (color =)

Properties:

Interesting facts: