

Periodic Table Project

First, select the following and write the name and the chemical symbol of each element:

a) 3 Alkali Metals _____

b) 3 Alkaline Earth metals _____

c) 6 Transition Metals that are solids _____

d) 1 Transition Metal that is a liquid _____

e) 2 Metalloids _____

f) 1 Metal from the Boron Family _____

g) 2 Metals from the Carbon Family _____

h) 3 Halogens: one solid; one liquid; one gas _____

i) 3 Noble Gases _____

Directions:

1. Using a different color for each of the above groups, cut out pieces of paper measuring 2.4 cm x 1.7 cm. Fold each piece lengthwise (like a book).
2. Write the chemical symbol of the element on the *outside* in black pen or a thin black marker.
3. Write the name of the element on the *inside*.
4. Glue the piece of paper in the correct place on the outline of the periodic table provided.
5. Write a key to identify all of the 9 groups by color and group names.