Color Coding the PERIODIC TABLE

Student Worksheet

This worksheet will help you understand how the periodic table is arranged. Your teacher will give you a copy of the periodic table. Refer to page R11 in your student planner.

AS YOU WORK, make a key on the bottom of your Periodic Table to indicate which color represents each group.

1. Label the arrows in the upper left hand corner for Hydrogen.
2. Color Hydrogen pink (or press lightly with red.)
3. Color the Alkali Metals (Group 1) dark orange (press hard).
4. Color the alkaline earth metals (Group 2) dark yellow (press hard).
5. Color all transition metals light green (Groups 3-12)
6. Color all metalloids dark green.
7. Color all remaining metals light yellow (press lightly).
8. Color the halogens (Group 17) pink.
9. Color all noble gases (Group 18) blue.
10. Color all remaining non-metals purple.
11. ** The black zigzag line separates the metals from the nonmetals**
12. Color all the lanthanides brown (Atomic Numbers 57-71).
13. Color all the actinides light orange (press lightly)
14. (Atomic Numbers 89-103)
Label Arrows Here

Alkali Metals
The Periodic Table

KEY

- Halogens

- Nobel Gases
The Periodic Table

KEY
- Alkali Metals
- Alkali Earth Metals
- Transition Metals
- Metalloids
- Metals
- Halogens
- Nobel Gases
- Non-metals
- Lanthanides
- Actinides
- Not yet observed