

**First:**

 Label each family name and label the proper number of valence electrons above each column

**Then:**

1. Color Hydrogen dark green
2. Lightly color the alkali metals green.
3. Lightly color the alkaline earth metals blue.
4. Color the transition elements purple.
5. Color the Boron family red.
6. Color the Nitrogen Family Orange.
7. Color the Carbon Family Grey
8. Color the Oxygen Family Dark Blue.
9. Color the Halogens yellow
10. Leave the Noble Gases White.
11. Color all the lanthanides pink.
12. Color all the actinides brown.
13. Using a black color, trace the zigzag line that separates the metals from the nonmetals.