Getting to Know the Periodic Table

1. Number the groups (columns)
2. Number the periods (rows)
3. Draw a **HEAVY** black line between the metals and nonmetals
4. Write the name of each of the following groups above the number:
   1. Group 1- Alkali Metals
   2. Group 2- Alkaline Earth Metals
   3. Group 3-12- Transition Metals
   4. Group 16- Chalcogens
   5. Group 17- Halogens
   6. Group 18- Noble Gases (Inert Gases)
5. Write the names of the two rows at the bottom of the chart: Lanthanides and Actinides
6. Write the symbol of each element that exists as a gas at room temperature in RED
7. Write the symbols of each element that is solid at room temperature in BLACK.
8. Write the symbol of each element that is liquid at room temperature in BLUE.
9. Write the symbol of each element that is man-made in **BOLD,** example**: Pm**
10. Place the atomic number above each symbol
11. Use the following color chart to color the periodic table:
    1. Halogens Blue
    2. Noble gases yellow
    3. Alkali Metals purple
    4. Alkaline Earth Metals red
    5. Transition Metals green
    6. Chalcogen brown
    7. Lanthanides orange
    8. Actinides light blue
12. Outline the symbol box in DARK GREEN if it is Radioactive.