

Color Coding the

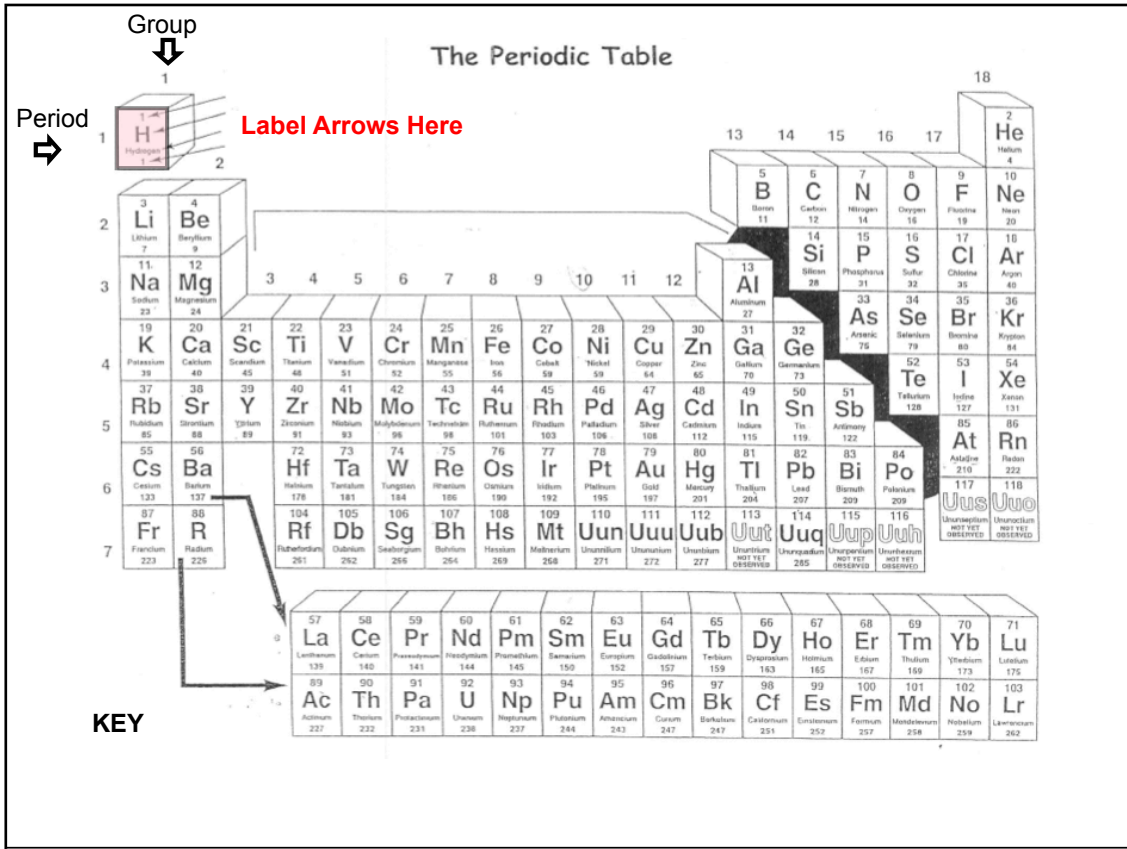
PERIODIC TABLE

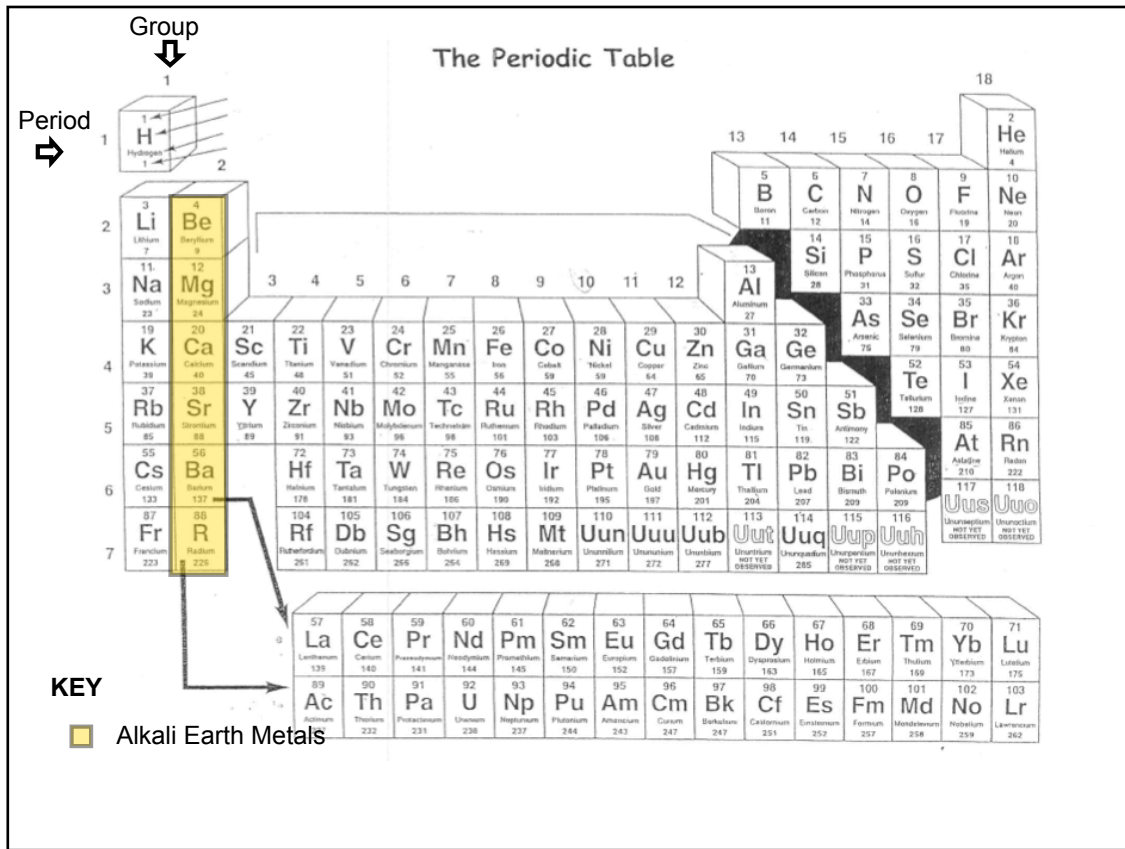
Color Coding the Periodic Table Student Worksheet

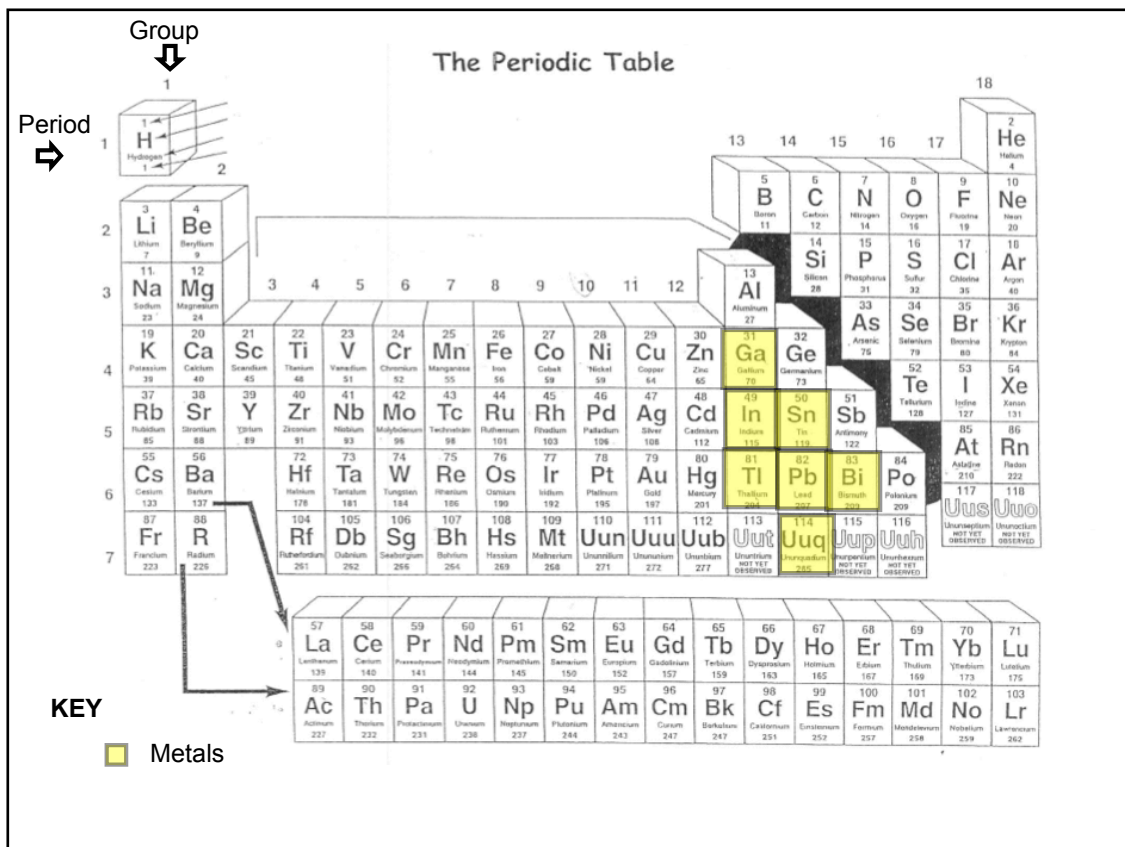
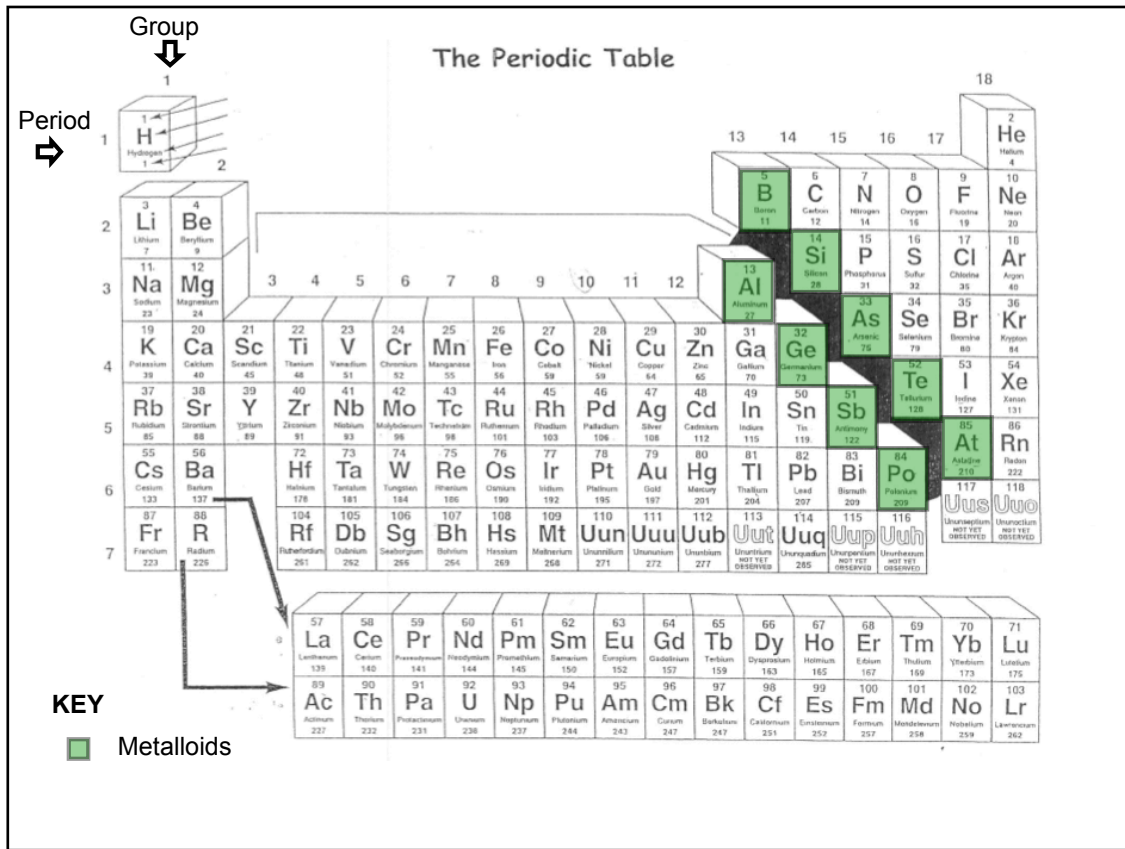
This worksheet will help you understand how the periodic table is arranged. Your teacher will give you a copy of the periodic table. **Refer to page R11 in your student planner.**

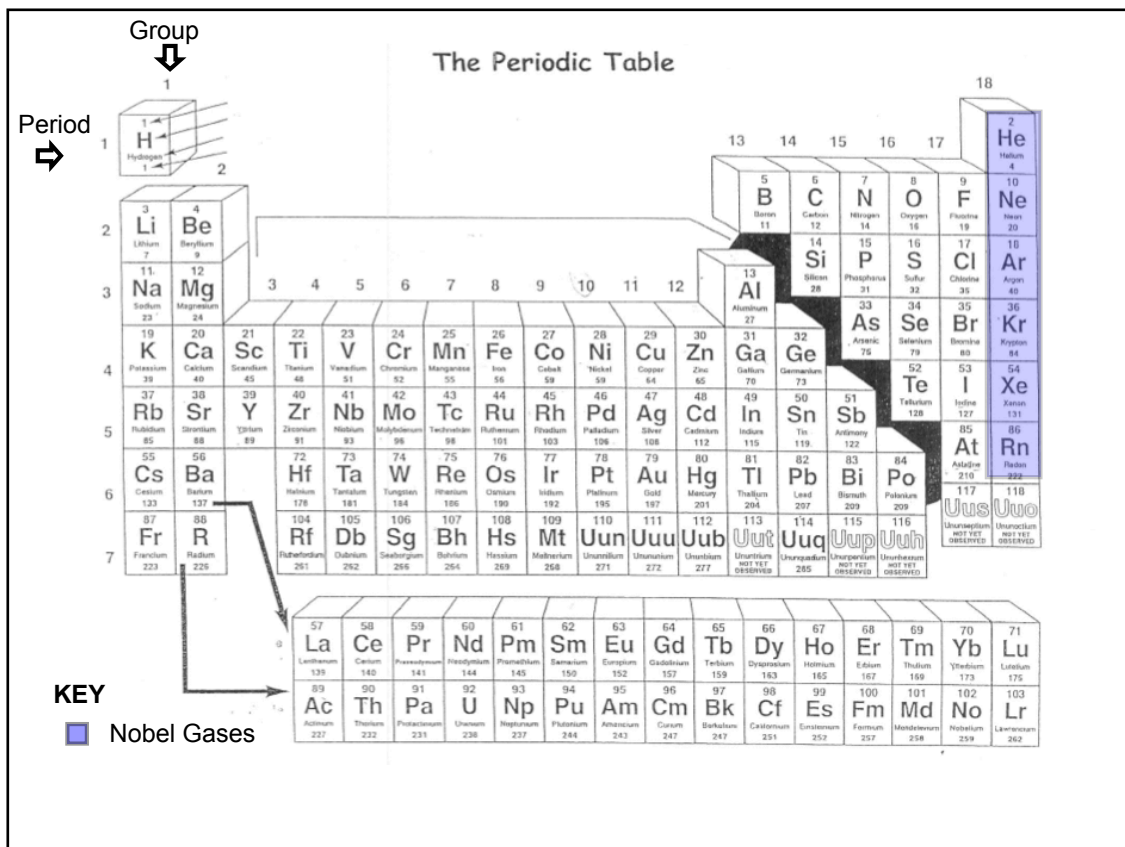
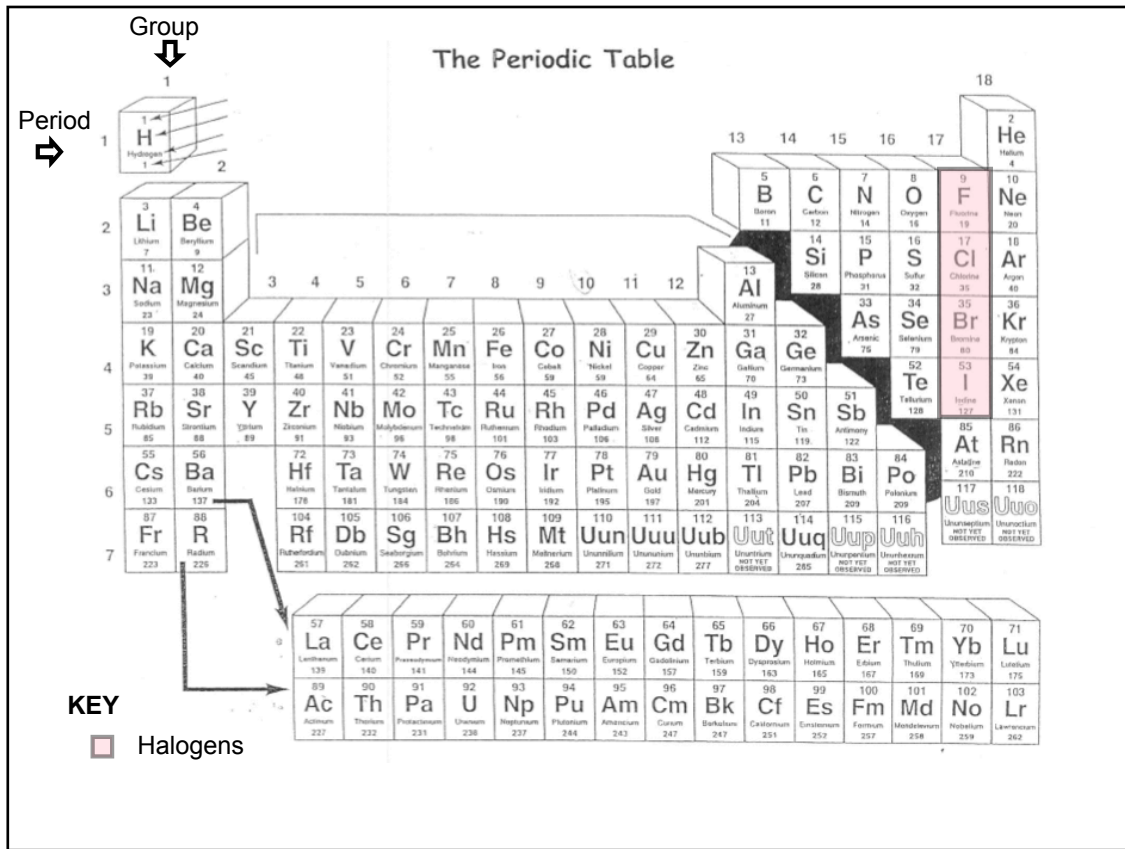
AS YOU WORK, make a **key on the bottom** of your Periodic Table to indicate which color represents each group.

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)
15. Color "Not yet Observed" Elements **gray** (113,115,116-118).









The Periodic Table

Group ↓

Period →

KEY

- Non-metals

1	2											13	14	15	16	17	18																														
1 H Hydrogen 1																		2 He Helium 4																													
3 Li Lithium 7	4 Be Beryllium 9											5 B Boron 11	6 C Carbon 12	7 N Nitrogen 14	8 O Oxygen 16	9 F Fluorine 19	10 Ne Neon 20																														
11 Na Sodium 23	12 Mg Magnesium 24											13 Al Aluminum 27	14 Si Silicon 28	15 P Phosphorus 31	16 S Sulfur 32	17 Cl Chlorine 35	18 Ar Argon 40																														
19 K Potassium 39	20 Ca Calcium 40	21 Sc Scandium 45	22 Ti Titanium 48	23 V Vanadium 51	24 Cr Chromium 52	25 Mn Manganese 55	26 Fe Iron 56	27 Co Cobalt 59	28 Ni Nickel 59	29 Cu Copper 64	30 Zn Zinc 65	31 Ga Gallium 70	32 Ge Germanium 73	33 As Arsenic 75	34 Se Selenium 79	35 Br Bromine 80	36 Kr Krypton 84																														
37 Rb Rubidium 85	38 Sr Strontium 88	39 Y Yttrium 89	40 Zr Zirconium 91	41 Nb Niobium 93	42 Mo Molybdenum 98	43 Tc Technetium 98	44 Ru Ruthenium 101	45 Rh Rhodium 103	46 Pd Palladium 106	47 Ag Silver 108	48 Cd Cadmium 112	49 In Indium 115	50 Sn Tin 119	51 Sb Antimony 122	52 Te Tellurium 128	53 I Iodine 127	54 Xe Xenon 131																														
55 Cs Cesium 133	56 Ba Barium 137											81 Tl Thallium 204	82 Pb Lead 207	83 Bi Bismuth 209	84 Po Polonium 209	85 At Astatine 210	86 Rn Radon 222																														
87 Fr Francium 223	88 Ra Radium 226											113 Uut Ununtrium not yet observed	114 Uuq Ununquadium not yet observed	115 Uup Ununpentium not yet observed	116 Uuh Ununhexium not yet observed	117 Uus Ununseptium not yet observed	118 Uuo Ununoctium not yet observed																														
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The Periodic Table

Group ↓

Period →

KEY

- lanthanides

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