




Classes of elements color coded
on tiny periodic table that is a
glue in on your KCQ Notes page,
group names color coded on big
periodic table inside the
worksheet questions

Using this as a guide,
color code your periodic
table to show the three
CLASSES of elements.

1 Hydrogen 1 H 1.01	2 Helium 2 He 4.00											13 Boron 5 B 10.81	14 Carbon 6 C 12.01	15 Nitrogen 7 N 14.01	16 Oxygen 8 O 16.00	17 Fluorine 9 F 19.00	18 Neon 10 Ne 20.18	
3 Lithium 3 Li 6.94	4 Beryllium 4 Be 9.01											13 Aluminum 13 Al 26.98	14 Silicon 14 Si 28.09	15 Phosphorus 15 P 30.97	16 Sulfur 16 S 32.07	17 Chlorine 17 Cl 35.45	18 Argon 18 Ar 39.95	
11 Sodium 11 Na 22.99	12 Magnesium 12 Mg 24.31	3 Scandium 21 Sc 44.96	4 Titanium 22 Ti 47.88	5 Vanadium 23 V 50.94	6 Chromium 24 Cr 52.00	7 Manganese 25 Mn 54.94	8 Iron 26 Fe 55.85	9 Cobalt 27 Co 58.93	10 Nickel 28 Ni 58.69	11 Copper 29 Cu 63.55	12 Zinc 30 Zn 65.39	13 Gallium 31 Ga 69.72	14 Germanium 32 Ge 72.61	15 Arsenic 33 As 74.92	16 Selenium 34 Se 78.96	17 Bromine 35 Br 79.90	18 Krypton 36 Kr 83.80	
19 Potassium 19 K 39.10	20 Calcium 20 Ca 40.08	39 Yttrium 39 Y 88.91	40 Zirconium 40 Zr 91.22	41 Niobium 41 Nb 92.91	42 Molybdenum 42 Mo 95.94	43 Technetium 43 Tc (98)	44 Ruthenium 44 Ru 101.07	45 Rhodium 45 Rh 102.91	46 Palladium 46 Pd 106.42	47 Silver 47 Ag 107.87	48 Cadmium 48 Cd 112.41	49 Indium 49 In 114.82	50 Tin 50 Sn 118.71	51 Antimony 51 Sb 121.76	52 Tellurium 52 Te 127.60	53 Iodine 53 I 126.90	54 Xenon 54 Xe 131.29	
37 Rubidium 37 Rb 85.47	38 Strontium 38 Sr 87.62	57-70 Lanthanides *	71 Lutetium 71 Lu 174.97	72 Hafnium 72 Hf 178.49	73 Tantalum 73 Ta 180.95	74 Tungsten 74 W 183.84	75 Rhenium 75 Re 186.21	76 Osmium 76 Os 190.23	77 Iridium 77 Ir 192.22	78 Platinum 78 Pt 195.08	79 Gold 79 Au 196.97	80 Mercury 80 Hg 200.59	81 Thallium 81 Tl 204.38	82 Lead 82 Pb 207.20	83 Bismuth 83 Bi 208.98	84 Polonium 84 Po (209)	85 Astatine 85 At (210)	86 Radon 86 Rn (222)
55 Cesium 55 Cs 132.91	56 Barium 56 Ba 137.33	89-102 Actinides **	103 Lawrencium 103 Lr (262)	104 Rutherfordium 104 Rf (267)	105 Dubnium 105 Db (268)	106 Seaborgium 106 Sg (271)	107 Bohrium 107 Bh (272)	108 Hassium 108 Hs (270)	109 Meitnerium 109 Mt (276)	110 Darmstadtium 110 Ds (281)	111 Roentgenium 111 Rg (280)	112 Copernicium 112 Cn (285)	113 Uut 113 Uut (284)	114 Uuq 114 Uuq (289)	115 Uup 115 Uup (288)	116 Uuh 116 Uuh (293)	117 Uus 117 Uus (294?)	118 Uuo 118 Uuo (294)

 Metals
 Non-metals
 Metalloids

*lanthanides
**actinides

57 Lanthanum 138.91	58 Cerium 140.12	59 Praseodymium 140.91	60 Neodymium 144.24	61 Promethium (145)	62 Samarium 150.36	63 Europium 151.97	64 Gadolinium 157.25	65 Terbium 158.93	66 Dysprosium 162.50	67 Holmium 164.93	68 Erbium 167.26	69 Thulium 168.93	70 Ytterbium 173.04
89 Actinium (227)	90 Thorium 232.04	91 Protactinium 231.04	92 Uranium 238.03	93 Neptunium (237)	94 Plutonium (244)	95 Americium (243)	96 Curium (247)	97 Berkelium (247)	98 Californium (251)	99 Einsteinium (252)	100 Fermium (257)	101 Mendelevium (258)	102 Nobelium (259)

Polonium is sometimes considered a metal, metalloid, or a non-metal depending on which table you are looking at. Astatine is sometimes considered a nonmetal, sometimes a metalloid. No big deal, it is weird!

Using this as a guide,
color code your periodic
table to show the
GROUP NAMES

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-  Alkali Metals
-  Alkaline Earth Metals
-  Transition Metals
-  Other Metals
-  Rare Earth Metals
-  Metalloids/ Semimetals
-  Other Non-metals
-  Halogens
-  Noble Gases

*lanthanides
**actinides

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Polonium sometimes considered an other metal, sometimes a metalloid/ semimetal. Astatine sometimes a metalloid sometimes a halogen. No big deal, its weird!