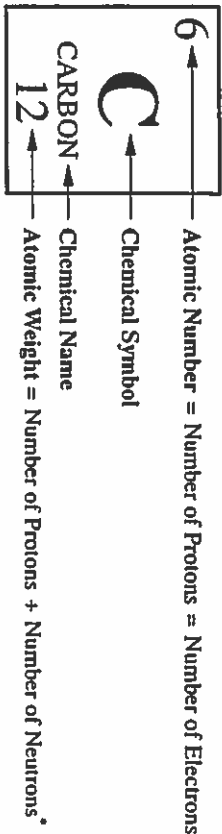


Activity: You will be “color coding” your Periodic Table

1. Alkali Metals- Group 1A (choose a color pencil)
2. Alkaline Earth Metals Group IIA (choose a different color)
3. Halogens- Group VIIA (choose a different color)
4. Noble Gases- Group VIIIA (choose a different color)
5. Metalloids- found along “stairstep-line”, separating metals from non- metals. (B, Si, Ge, As, Sb, Te, Po) **Pick a color**
6. Metals- to the left of metalloids (choose a different color and do not color over those already colored)
7. Non-metals- to the right of metalloids.
8. WRITE- 1 energy level next to period 1, 2 energy levels next to period 2, 3 energy levels next to period 3, etc...

The Periodic Table of Elements



METALS

1 H HYDROGEN	2 He HELIUM	3 Li LITHIUM	4 Be BERYLLIUM	5 B BORON	6 C CARBON	7 N NITROGEN	8 O OXYGEN	9 F FLUORINE	10 Ne NEON
11 Na SODIUM	12 Mg MAGNESIUM	13 Al ALUMINUM	14 Si SILICON	15 P PHOSPHORUS	16 S SULFUR	17 Cl CHLORINE	18 Ar ARGON	19 K POTASSIUM	20 Ca CALCIUM
21 Sc SCANDIUM	22 Ti TITANIUM	23 V VANADIUM	24 Cr CHROMIUM	25 Mn MANGANESE	26 Fe IRON	27 Co COBALT	28 Ni NICKEL	29 Cu COPPER	30 Zn ZINC
37 Rb RUBIDIUM	38 Sr STRONTIUM	39 Y YTTORIUM	40 Zr ZIRCONIUM	41 Nb NIOBIUM	42 Mo MOLYBDENUM	43 Tc TECHNETIUM	44 Ru RUTHENIUM	45 Rh RHODIUM	46 Pd PALLADIUM
55 Cs CESIUM	56 Ba BARIUM	72 Hf HAFNIUM	73 Ta TANTALUM	74 W TUNGSTEN	75 Re RHENIUM	76 Os OSMIUM	77 Ir IRIDIUM	78 Pt PLATINUM	79 Au GOLD
87 Fr FRANCIUM	88 Ra RADIUM	104 Rf ROSEMIUM	105 Db DUBNIUM	106 Sg SEABORGIUM	107 Bh BOHRIUM	108 Hs HASSIUM	109 Mt MEITNERIUM	110 Ds DARMSTADTIUM	111 Rg ROSGOLDIUM
223	226	263	268	271	270	270	278	281	281
89 Ac ACTINIUM	90 Th THORIUM	91 Pa PROTACTINIUM	92 U URANIUM	93 Np NEPTUNIUM	94 Pu PLUTONIUM	95 Am AMERICIUM	96 Cm CURIUM	97 Bk BERKELEYIUM	98 Cf CALIFORNIUM
99	100	101	102	103	104	105	106	107	108
139 La LANTHANUM	140 Ce CELIUM	141 Pr PRASEODYMIUM	142 Nd NEODYMIUM	143 Pm PROMETHIUM	144 Sm SAMARIUM	145 Eu EUROPIUM	146 Gd GADOLINIUM	147 Tb TERBIUM	148 Dy DYSPROSIUM
157	158	159	160	161	162	163	164	165	166
173 Yb Ytterbium	174 Lu Lutetium	175	176	177	178	179	180	181	182

NON-METALS

KEY

- ☐ = Solid at room temperature
- ◐ = Liquid at room temperature
- ☁ = Gas at room temperature
- ☼ = Radioactive
- ⚡ = Artificially Made

57 La LANTHANUM	58 Ce CELIUM	59 Pr PRASEODYMIUM	60 Nd NEODYMIUM	61 Pm PROMETHIUM	62 Sm SAMARIUM	63 Eu EUROPIUM	64 Gd GADOLINIUM	65 Tb TERBIUM	66 Dy DYSPROSIUM	67 Ho HOLMIUM	68 Er ERBIUM	69 Tm THULIUM	70 Yb Ytterbium	71 Lu Lutetium
139	140	141	142	143	144	145	146	147	148	149	150	151	152	

* The atomic weights listed on this Table of Elements have been rounded to the nearest whole number. As a result, this chart actually displays the mass number of a specific isotope for each element. An element's complete, unrounded atomic weight can be found on the IUPAC Elemental website: <http://education.jlab.org/itselemental/>