**Periodic Table**

**Elements, Diatomic Molecules and Metalloids**

You will have an assessment on the following elements and the symbols. Be prepared to spell each name correctly for your assessment. Not the first letter of the symbols is always capitalized and the second letter is lower-case.

Aluminum Al Manganese Mn

Antimony Sb Mercury Hg

Argon Ar Molybdenum Mo

Arsenic As Neon Ne

Barium Ba Nickel Ni

Beryllium Be Nitrogen N

Bismuth Bi Oxygen O

Boron B Palladium Pd

Bromine Br Phosphorus P

Cadmium Cd Polonium Po

Calcium Ca Potassium K

Carbon C Radium Ra

Cesium Cs Radon Rn

Chlorine Cl Selenium Se

Chromium Cr Silicon Si

Cobalt Co Silver Ag

Copper Cu Sodium Na

Fluorine F Strontium Sr

Germanium Ge Sulfur S

Gold Au Tellurium Te

Helium He Thallium Tl

Hydrogen H Tin Sn

Iodine I Tungsten W

Iron Fe Titanium Ti

Lead Pb Uranium U

Lithium Li Vanadium V

Magnesium Mg Xenon Xe

Zinc Zn

You will also be responsible for learning the seven diatomic elements. These are elements that in their elemental form exist as diatomic molecules (i.e. H2, O2, F2, Br2, I2, N2, Cl2) A commonly mnemonic device used to aid in memorizing the diatomic elements is:

**I** **H**ave **N**o **Br**ight **O**r **Cl**ever **F**riends

Iodine I2

Hydrogen H2

Nitrogen N2

Bromine Br2

Oxygen O2

Chlorine Cl2

Fluorine F2

Lastly, you will need to memorize the 7 elements that are considered metalloids and the properties of metalloids. Unfortunately there is not a mnemonic device for the metalloids.

Boron B

Silicon Si

Germanium Ge

Arsenic As

Antimony Sb

Tellurium Te

Polonium Po