\*ELEMENTS TO KNOW\*

H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn

\*You will be required to label each group of elements on a blank periodic table

-Alkali Metals (Group 1), Alkaline-Earth Metals (Group 2), Transition Metals (Groups 3-12), Halogens (Group 17), Noble Gases (Group 18).

\*Know the characteristics/shared properties of each group of elements (ex. How many electrons are in their outer level, good conductors/ductile, malleable/soft, etc.)

\*Know the difference between groups and periods.

\*Know who Dimitri Mendeleev is and what he did.

\*Know how the PTE is organized.

\*How is reactivity related to bonding ability (electrons in outer levels, which are also called valence electrons)?

\*Know the terms element symbol, element name, atomic number, atomic mass, electrons, protons, neutrons, atom, periodic table of elements, element, valence electrons, Bohr model.

\*Know the three MAIN classifications of elements (metals, nonmetals, and metalloids).

\* Be able to compare and contrast the modern periodic table of elements with the first periodic table ever created.

\*Be able to interpret and draw Bohr Models

NOTES: