**Atomic Theory Study Guide**

1. Know general characteristics (properties) of metals, non-metals, and semi-metals. Know what these properties mean eg. Malleability
2. Know general characteristics of the chemical families covered in the notes: Alkali Metals, Alkali Earth Metals, Halogens, Nobel Gases. Hydrogen.
3. Be able to explain how the periodic table is organized (think periodic table assignment).
4. Know what a ROW and a COLUMN are called in a periodic table
5. Be able to tell me the atomic number, atomic mass, how many protons, neutrons, electrons from a given element’s atom and/or ion.
6. Know the definition of an ion and why an atom would become one.
7. Be able to draw Bohr models of atoms and ions.
8. Trends of the periodic table regarding atomic size

Review:

Notes

* Atomic Theory booklet (Starts with “Meet the Elements”) from Ms. Wilson.
* Ion Notes from Mr. Vivian

Worksheets

* Chemical Families WS (Ms. Wilson)
* Atomic Theory WS (Ms. Wilson)
* Bohr Model WS (Ms. Wilson)
* Ion WS (Mr. Vivian)
* Atomic Size (Mr. Vivian)