Unit: 2 -- Introduction to Chemistry_____ Physical Science Name:_____

DIRECTIONS: Consider the learning scale for the unit we are studying. Where is your current level of understanding and comprehension? Consider the Learning Goals and circle the icon next to the Learning Scale that best represents your confidence level.

LEVEL			How Confident I Am of My Progress.
4	Awesome! I understand more than Mr. Webber taught me and am ready to help others or take on my own individual projects.	SWBAT: Recognize these concepts in everyday examples; teach the concepts; encourage and coach others.	
3	Yay! I know what Mr. Webber has asked me to learn!	SWBAT: Distinguish the atomic number of an element from the mass number of an isotope, and use these numbers to describe the structure of atoms; convert between atomic mass units and kilograms, distinguish the ground state from excited states of an atom based on electron configurations; calculate the charge of an ion; determine the number of protons and neutrons in an element or isotope.	
2	I understand the basics but am still working on understanding the harder stuff. I think I need some practice.	SWBAT: Distinguish among protons, neutrons, and electrons in terms of mass, electrical charge, and location; Describe the changes in the model of the atom over time; Describe Bohr's Model of the atom and the evidence for the energy levels; explain how the electron cloud model represents the behavior and locations of electrons in atoms.	
1	Retrieval – With some help, I can do it.	SWBAT: Identify three subatomic particles and compare their properties; Describe early models of the atom (Greek, Dalton, Thomson, Rutherford, Bohr). Vocabulary: Model, Atom, Subatomic Particle, Proton, neutron, Electron, Ion, Isotope, Atomic Mass Unit.	

Florida Standards: LA.910.2.2.3, SC.912.N.1.1, SC.912.N.4.2, SC.912.P.8.3-5, SC.912.).8.7, SC.912.N.1.7, SC.912.N.2.4-5, SC.912.N.3.1-2, SC.912.N.3.5