Student Name: _____

Molecules and Subatomic Particles Checklist

Subatomic Particles.

Understand all elements are composed of atoms which contain specific numbers of protons, neutrons, and electrons. Elements combine to form molecules and compounds.

Students will calculate number of protons, neutrons, and electrons in a molecule or atom. Students will build molecular models.

Standard	I can...	Resources	Required Activities	Formative (F) Summative (S)	Date Finished
P.PM.07.21	**ID and tell the difference protons, neutrons, and electrons?** **I know where P,N,E are found in an atom!** **I can calculate the number of P, N, and E in an element using a PERIODIC TABLE.**	Videos and Websites Interactive Periodic Table	• Inside an Atom Song • Parts of an Atom Song • Bill Nye Atoms • Proton/Neutron/Electron Calculation Video • Protons Neutrons and Electrons Worksheet (Handout)	F	
P.PM.07.22	**I can tell what a molecule is.** **I know what molecules are made of.** **I know what makes a compound unique.**	Resource Page	• From Particles to Molecules the Invisible Journey • Molecule Drawing Activity (See Handout) • Molecule Building Lab • Online Presentation	F	
P.PM.07.22	**I am confident in identifying and explaining periodic trends.**	Resource Page	• Periodic Trends Video • Periodic Table Mystery Activity (If you have not done it yet)	F	
			• Molecules and Atoms Final Quiz (online and written)	S	