

Unit 2 Task Sheet for _____

Skills	not proficient	developing	proficient
Describe and identify state of matter as: BE Condensate, solid, liquid, gas, plasma.			
Classify matter as atom , element , compound , homogeneous mixture , heterogeneous mixture .			
Compare/contrast a homogeneous mixture and a heterogeneous mixture.			
Compare/contrast a compound and a mixture.			
Further classify a homogeneous mixture as a solution , a colloid , or an alloy .			
Distinguish between a solution, a colloid, and a suspension .			
Identify properties as physical or chemical .			
Identify changes in matter as physical or chemical.			
Identify the 3 subatomic particles of an atom and describe their location, charge, and significance.			
Calculate the number of p+, no, e- in an atom. Calculate the atomic mass and the atomic number.			
Classify elements on the Periodic Table as metal , metalloids , and nonmetals .			
Identify the group/family and period of specific elements.			
Identify the symbol and name of the 54 assigned elements.			
Assign a nuclear symbol to a specific atom and give it an isotope name based on provided info.			
Sketch a Bohr Model from provided information about the atom.			
Analyze a given Bohr model to determine the element, the valence e- , and the period			
Understand that the number of valence e- determines the group/family and the number of energy levels determines the period.			
Draw the Electron Dot Diagram for elements 1-20.			