

Name: Maya Reichenbacher		Grading Quarter: 1	Week Beginning: 08-20-2023
School Year: 2023-2024		Subject: Chemistry – Atoms	
M o n d a y	Notes:	Objective: <ul style="list-style-type: none"> Students will be able to identify a chemical change based on at least one of the five signs (evidence) Students will be able to read individual blocks on the periodic table. Lesson Overview: <ul style="list-style-type: none"> Review physical and chemical changes in discussion Go over PowerPoint titled 'Unit 2 Chem – Elements' on Canvas Allow students time to sketch out element posters 	Academic Standards: Essential HS.P1U1.1 Plus HS+C.P1U1.1 Plus HS+C.P1U1.4 Plus HS+C.P1U1.5
T u e s d a y	Notes:	Objective: <ul style="list-style-type: none"> Students will be able to explain multiple methods of separating mixtures Lesson Overview: <ul style="list-style-type: none"> Go over PowerPoint titled 'Unit 2 Chem – Mixtures' on Canvas Students will complete 'Chromatography Lab' Any extra time will be used to work on Element Posters 	Academic Standards: Essential HS.P1U1.1 Essential HS.P1U3.4 Plus HS+C.P1U1.1 Plus HS+C.P1U1.4 Plus HS+C.P1U1.5
W e d n e s d a y	Notes:	Objective: <ul style="list-style-type: none"> Students will understand where the concept of the atom came from. Lesson Overview: <ul style="list-style-type: none"> Go over PowerPoint titled 'Unit 2 Chem – History of Atoms' on Canvas Complete Canvas assignment titled 'Review Elements' to review how to read periodic table Any extra time will be used to work on Element Posters 	Academic Standards: Essential HS.P1U1.1 Plus HS+C.P1U1.1 Plus HS+C.P1U1.4 Plus HS+C.P1U1.5

T h u r s d a y	Notes:	Objective: <ul style="list-style-type: none"> Students will be able to calculate the number of protons, electrons, and neutrons in an atom by looking at the periodic table Students will be able to read and create atom diagrams Lesson Overview: <ul style="list-style-type: none"> Go over PowerPoint titled 'Unit 2 Chem – The Atom' on Canvas Students will use the simulation titled 'Build an Atom' to create their own atoms They will also answer questions using the simulation 	Academic Standards: Essential HS.P1U1.1 Plus HS+C.P1U1.1 Plus HS+C.P1U1.4 Plus HS+C.P1U1.5
F r i d a y	Notes:	Objective: <ul style="list-style-type: none"> Students will be able to identify different atoms based on names, number of protons, number of electrons, and diagrams. Lesson Overview: <ul style="list-style-type: none"> Complete set of questions to create phrase based on answers Any extra time will be used to finish Element Posters 	Academic Standards: Essential HS.P1U1.1 Plus HS+C.P1U1.1 Plus HS+C.P1U1.4 Plus HS+C.P1U1.5