Name: Maya Reichenbacher	Grading Quarter: 2	Week Beginning: 10-28-2024
School Year: 2024-2025	Subject: Unit 3 – Bonding	

	Notes:	**Objective:**	Academic Standards:
Monday		• Students will be able to draw covalent bonds • Students will be able to define polyatomic ions connect all ionic bonds topic • Students will be able to name different types of covalent bonds **Lesson Overview:** • Assignment: Finish Covalent vs Ionic • Hand out polyatomic ion sheet • Notes: Unit 3 Chem – Naming Covalent Bonds (copy on Canvas)	**Essential HS.P1U1.1** **Essential HS.P1U1.2** **Plus HS+C.P1U1.1** **Plus HS+C.P1U1.2** **Plus HS+C.P1U1.4** **Plus HS+C.P1U1.5**
Tuesday	Notes:	**Objective:** • Students will be able to define polyatomic ions connect all ionic bonds topic • Students will be able to name different types of covalent bonds **Lesson Overview:** • Notes: Unit 3 Chem – Naming Covalent Bonds (copy on Canvas) • Assignment: Covalent Bonds Stations (copy on Canvas)	Academic Standards: **Essential HS.P1U1.1** **Essential HS.P1U1.2** **Plus HS+C.P1U1.1** **Plus HS+C.P1U1.2** **Plus HS+C.P1U1.5**
Wednesday	Notes:	**Objective:** • Students will be able to define the octet rule in sentence and drawing form • Students will be able to recognize exceptions to the octet rule **Lesson Overview:** • Notes: Unit 3 Chem – Octet Rule (copy on Canvas) • Simulation: Teach students how to use Molview (link on Canvas) • Assignment: Octet Rule Practice (copy on Canvas)	Academic Standards: **Essential HS.P1U1.1** **Essential HS.P1U1.2** **Plus HS+C.P1U1.1** **Plus HS+C.P1U1.2** **Plus HS+C.P1U1.5**

T h u r s d a y	Notes:	**Objective:** • Students will be able to combine the skills of drawing, naming, and recognizing octet rule exceptions into practice problems **Lesson Overview:** • Practice: In groups of 4-5 students will combine all skills learned earlier in the week into one problem • Extra time will be for finishing assignments	Academic Standards: **Essential HS.P1U1.1** **Essential HS.P1U1.2** **Plus HS+C.P1U1.1** **Plus HS+C.P1U1.2** **Plus HS+C.P1U1.4** **Plus HS+C.P1U1.5**
F ri d a y	Notes:	**Objective:** • Students will be able to recognize covalent bonds in lab **Lesson Overview:** • Lab: Covalent Bonds and Changes o In groups of 4-5 students will complete lab	Academic Standards: **Essential HS.P1U1.1** **Essential HS.P1U1.2** **Plus HS+C.P1U1.1** **Plus HS+C.P1U1.2** **Plus HS+C.P1U1.4** **Plus HS+C.P1U1.5**