

Name: Maya Reichenbacher		Grading Quarter: 2	Week Beginning: 10-28-2024
School Year: 2024-2025		Subject: Unit 3 – Bonding	
M o n d a y	Notes:	<b>Objective:</b> <ul style="list-style-type: none"> <li>Students will be able to define polyatomic ions connect all ionic bonds topic</li> <li>Students will be able to name different types of covalent bonds</li> </ul> <b>Lesson Overview:</b> <ul style="list-style-type: none"> <li>Hand out polyatomic ion sheet</li> <li>Notes: Unit 3 Chem – Naming Covalent Bonds (copy on Canvas)</li> <li>Assignment: Covalent Bonds Stations (copy on Canvas)</li> </ul>	Academic Standards: <b>Essential HS.P1U1.1</b> <b>Essential HS.P1U1.2</b> <b>Plus HS+C.P1U1.1</b> <b>Plus HS+C.P1U1.2</b> <b>Plus HS+C.P1U1.4</b> <b>Plus HS+C.P1U1.5</b>
T u e s d a y	Notes:	<b>Objective:</b> <ul style="list-style-type: none"> <li>Students will be able to define the octet rule in sentence and drawing form</li> <li>Students will be able to recognize exceptions to the octet rule</li> </ul> <b>Lesson Overview:</b> <ul style="list-style-type: none"> <li>Notes: Unit 3 Chem – Octet Rule (copy on Canvas)</li> <li>Simulation: Teach students how to use Molview (link on Canvas)</li> <li>Assignment: Octet Rule Practice (copy on Canvas)</li> </ul>	Academic Standards: <b>Essential HS.P1U1.1</b> <b>Essential HS.P1U1.2</b> <b>Plus HS+C.P1U1.1</b> <b>Plus HS+C.P1U1.2</b> <b>Plus HS+C.P1U1.5</b>
W e d n e s d a y	Notes:	<b>Objective:</b> <ul style="list-style-type: none"> <li>Students will be able to recognize covalent bonds in real life</li> </ul> <b>Lesson Overview:</b> <ul style="list-style-type: none"> <li>Lab: Covalent Bonds and Changes               <ul style="list-style-type: none"> <li>In groups of 4-5 students will complete lab</li> </ul> </li> <li>Extra time used to complete assignments from the week</li> </ul>	Academic Standards: <b>Essential HS.P1U1.1</b> <b>Essential HS.P1U1.2</b> <b>Plus HS+C.P1U1.1</b> <b>Plus HS+C.P1U1.2</b> <b>Plus HS+C.P1U1.5</b>

T h u r s d a y	Notes:	<b>Objective:</b> <ul style="list-style-type: none"> <li>Students will be able to define polarity</li> </ul> <b>Lesson Overview:</b> <ul style="list-style-type: none"> <li>Notes: Unit 3 Chem – Electronegativity and Polarity</li> <li>Assignment: Drawing Covalent bonds <ul style="list-style-type: none"> <li>In groups of 4-5 students will figure out if a compound is polar or not using the electronegativity chart</li> </ul> </li> </ul>	Academic Standards: <b>Essential HS.P1U1.1</b> <b>Essential HS.P1U1.2</b> <b>Plus HS+C.P1U1.1</b> <b>Plus HS+C.P1U1.2</b> <b>Plus HS+C.P1U1.4</b> <b>Plus HS+C.P1U1.5</b>
F r i d a y	Notes:	<b>Objective:</b> <ul style="list-style-type: none"> <li>Students will be able to recognize physical and chemical properties of polar and nonpolar substances</li> </ul> <b>Lesson Overview:</b> <ul style="list-style-type: none"> <li>Lab: Paint Polarity</li> </ul>	Academic Standards: <b>Essential HS.P1U1.1</b> <b>Essential HS.P1U1.2</b> <b>Plus HS+C.P1U1.1</b> <b>Plus HS+C.P1U1.2</b> <b>Plus HS+C.P1U1.4</b> <b>Plus HS+C.P1U1.5</b>