Name: Maya Reichenbacher		Grading Quarter: 1	Week Beginning: 09-25-2023
School Year: 2023-2024		Subject: Chemistry – Unit 3 – Ionic Bonding	
Monday	Notes:	**Objective:** • Students will be able to draw covalent bonds. • Students will be able to name basic, acid, and oxyacid covalent bonds. **Lesson Overview:** • Finish notes titled 'Unit 3 Part 2 – Naming Covalent Bonds' on Canvas • Hand out list of polyatomic ions and discuss • Covalent Bonds Stations (copy on Canvas)	Academic Standards: **Plus** **HS+C.P1U1.1**
Tuesday	Notes:	**Objective:** • Students will be able to review basics of Covalent Bonds. **Lesson Overview:** • Students group up in 2-3 and ask each other review questions titled 'Review of Covalent Bonds' on Canvas • Use the software 'Molview' to create compounds (software and copy of compounds on Canvas)	Academic Standards: **Essential** **HS.P1U1.1** **Essential** **HS.P1U1.2** **Plus** **HS+C.P1U1.1**
Wednesday	Notes:	**Objective:** • Students will be able to define and symbolize the 'Octet Rule.' • Students will be able to recognize exceptions to the octet rule. **Lesson Overview:** • Go over notes titled 'Unit 3 Chem – Exceptions to the Octet Rule' on Canvas • Complete assignment titled 'Octet Rule' (copy on Canvas)	Academic Standards: **Essential** **HS.P1U1.1** **Essential** **HS.P1U1.2** **Plus** **HS+C.P1U1.4**
Thursd	Notes:	**Objective:** • Students will be able to connect the topics of energy and covalent bonds **Lesson Overview:** • Quick discussion about potential energy vs kinetic energy • Newton's cradle demonstration	Academic Standards: **Essential** **HS.P1U1.1** **Essential** **HS.P1U1.2** **Plus** **HS+C.P1U1.2**

a y		• Students will complete a simulation titled 'Covalent Bonding Tutorial' and answer associated questions (simulation and questions on Canvas) • https://contrib.pbslearningmedia.org/WGBH/arct15/SimBucket/Simulations/chemthink-covalentbonding/content/index.html	**Plus HS+C.P1U1.4**
F r i d a y	Notes:	**Objective:** • Students will be able to identify ionic and covalent bonds in real life **Lesson Overview:** • Students will research favorite meals and discover what is ionic and covalently bonded	Academic Standards: **Essential HS.P1U1.2**