Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Chemical Bonds
Course	Prep Chemistry	Dates	Oct 31 – Nov 4

Monday	• **Daily Objective:** IWBAT explain how Ionic compounds are formed. IWBAT explain how covalent compounds are formed. **Agenda with Approximate Time Limits:** • Do Now [5min] • Direct Instruction on How Cations and Anions are formed [20 min] • Guided Practice [10 min] • Exit Ticket [10min] **Formative Assessment:** Exit ticket **Intervention:** Tutorials and student personal accommodations **Follow-Up/Homework:** Finish classwork
Tuesday	**Daily Objective:** Octet rule IWBAT explain that Cations are formed by metals losing valence electrons to achieve noble gas configuration. IWBAT explain that Anions are formed by gaining electrons from other atoms to achieve noble gas configuration. IWBAT explain that Covalent bonds are formed by sharing electrons between atoms to achieve noble gas configuration. **Agenda with Approximate Time Limits:** • Do Now [5min] • Direct Instruction [20 min] • Guided Practice [10 min] • Exit Ticket [10min] **Formative Assessment:** Exit ticket **Intervention:** Tutorials and student personal accommodations **Follow-Up/Homework:** Finish Do now and exit ticket

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Wednesday /Thursday	**Daily Objective:** IWBAT explain that Covalent bonds are formed by sharing electrons between atoms to achieve noble gas configuration. IWBAT explain the 7 elements form diatomic molecules by sharing the unpaired electrons. **Agenda with Approximate Time Limits:** • Do Now [25 min] • Direct instruction and Guided Practice [55 min] • Exit Ticket [10 min] **Formative Assessment:** Proving questioning. Exit ticket **Intervention:** Tutorials and student personal accommodations. **Extension** N/A **Follow-Up/Homework:** Finish Classwork
Friday	**Daily Objective:** IWBAT calculate the number of bonds and unshared electron pairs in a molecule using WASL method. **Agenda with Approximate Time Limits:** • Direct instruction and Guided Practice [45 min] **Formative Assessment:** Class Practice **Intervention:** N/A. **Extension:** N/A **Follow-Up/Homework:** N/A

Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Covalent Bonds/VSEPR
Course	Prep Chemistry	Dates	Nov 7 – Nov 11

Monday	**No School**
Tuesday	**Daily Objective:** IWBAT draw electron dot diagram to illustrate covalent compounds. **Agenda with Approximate Time Limits:** • Instruction and guided practice [25 minutes] • Class practice [20 minutes] **Formative Assessment:** Cold Call Practice **Intervention:** Tutorials and student personal accommodations. **Extension:** N/A **Follow-Up/Homework:** N/A
Wednesday/Thursday	**Daily Objective:** IWBAT predict molecular structure for molecules with linear, trigonal planar, or tetrahedral electron pair geometries using Valence Shell Electron Pair Repulsion (VSEPR) theory. **Agenda with Approximate Time Limits:** • Lab activity for VSEPR [45 minutes] • Direct instruction and Guided Practice [30 min] • Exit Ticket [15 min] **Formative Assessment:** Proving questioning.

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	Exit ticket **Intervention:** Tutorials and student personal accommodations. **Extension** Vocabulary Practice **Follow-Up/Homework:** Finish Classwork
Friday	**Daily Objective:** IWBAT predict molecular structure for molecules with linear, trigonal planar, or tetrahedral electron pair geometries using Valence Shell Electron Pair Repulsion (VSEPR) theory. **Agenda with Approximate Time Limits:** • Combined practice of Covalent bonds and VSEPR Students will draw Lewis dot diagram for varies molecules and correctly predict the shape of them [45 min] **Formative Assessment:** Cold call, classwork **Intervention:** Tutorials and student personal accommodations. **Extension:** N/A **Follow-Up/Homework:** Finish classwork