Westside High School Lesson Plan Template

Teacher Name	Mr. Jie	Unit Name	Electron Configuration
Course	Prep Chemistry	Dates	Oct 3 – Oct 7

Monday	• **Daily Objective:** Students will determine the number of valance electrons of elements using their electron configurations, write elements' electrons dots diagrams, and predict the elements reactivities. **Agenda with Approximate Time Limits:** • Do Now [5min] • Direct Instruction [20 min] • Guided Practice [15 min] • Exit Ticket [5min] **Formative Assessment:** Exit ticket **Intervention:** Tutorials and student personal accommodations **Follow-Up/Homework:** Finish classwork
Tuesday /Wednesday	Teacher service day/holiday No school
Thursday	**Daily Objective:** Students will identify and explain alkali metals, alkaline metals, transition metals, halogens, and noble gases. **Agenda with Approximate Time Limits:** Do Now. [5 minutes] Direct Instruction [20 minutes] Guided Practice [20 minutes] Exit Ticket [5 minutes] **Formative Assessment:** N/A **Intervention:**

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	Available tutorials, group work, and Special Ed and 504 accommodations. **Extension:** N/A **Follow-Up/Homework:** Finish classwork
Friday	**Daily Objective:** Students will show a clear understanding for classifying element and relating their position on the Periodic Table based on their Electrons Configurations. **Agenda with Approximate Time Limits:** Electrons Configurations Test **Formative Assessment:** **Intervention:** Test Correction, re-take. **Extension:** N/A **Follow-Up/Homework:** N/A

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Teacher Name	Mr. Jie	Unit Name	Periodic Table
Course	Prep Chemistry	Dates	Oct 10 – Oct 14

Monday	**Daily Objective:** IWBAT explain that chemical properties of the elements are used to organize elements in the Periodic Table. IWBAT explain that atomic numbers are used to organize elements in the Periodic Table. **Agenda with Approximate Time Limits:** • Do Now [5 minutes] • The invention of periodic table and Mendeleev's dream. [35 minutes] • Exit Ticket [5 minutes] **Formative Assessment:** Cold Call Exit ticket **Intervention:** Tutorials and student personal accommodations. **Extension:** N/A **Follow-Up/Homework:** N/A
Tuesday	**Daily Objective:** IWBAT explain that atomic radius increase as you move down a group on the periodic table. IWBAT explain that atomic radius decrease as you move across one period from left to right on the periodic table **Agenda with Approximate Time Limits:** • Do Now [5 minutes] • The invention of periodic table and Mendeleev's dream. [35 minutes] • Exit Ticket [5 minutes] **Formative Assessment:** Cold Call Exit ticket **Intervention:**

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	Tutorials and student personal accommodations. **Extension:** N/A **Follow-Up/Homework:** N/A
Wednesday/Thursday	**Daily Objective:** IWBAT explain that The energy required to remove on electron from a neutral atom of an element is the ionization energy. IWBAT explain that The energy change that occurs when an electron is acquired by a neutral atom is called the atom's electron affinity. IWBAT explain that Electronegativity is a measure of the ability of an atom in a chemical compound to attract electrons from another atom in the compound. **Agenda with Approximate Time Limits:** • Do Now [5 min] • Direct instruction and Guided Practice [40 min] • Gizmo: Periodic Trends [40 min] • Exit Ticket [5 min] **Formative Assessment:** Proving questioning. Exit ticket **Intervention:** Tutorials and student personal accommodations. **Extension** Vocabulary Practice **Follow-Up/Homework:** Finish Classwork
Friday	**Daily Objective:** IWBAT explain that metals are located on the left side of the periodic table and are ductile, malleable and good conductors. They include: Alkali metals (group 1), Alkaline metals (group 2) and Transition Metals.

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	IWBAT explain that nonmetals are found on the right side of the periodic table and are brittle, dull and poor conductors. They include Halogens (group 17) and chalcogen (group 16). **Agenda with Approximate Time Limits:** • Do Now [5 min] • Direct Instruction [20 min] • Guided Practice [15 min] • Exit Ticket [5 min] **Formative Assessment:** Cold call, observation **Intervention:** Tutorials and student personal accommodations. **Extension:** N/A **Follow-Up/Homework:** Finish classwork