



WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: John Sim

Subject: Chemistry

Week of: 10/14/2024	Monday 10/14/2024	Tuesday 10/15/2024	Wednesday 10/16/2024	Thurs./Friday 10/17 – 10/18/2024
TEKS	6E	6E	PSAT	6E
Learning Objective	SWBAT identify the orbital diagram notation, and electron configuration of ions.	SWBAT Express the arrangement of electrons in atoms of representative elements using electron configurations and Lewis valence electron dot structures.		SWBAT Express the arrangement of electrons in atoms of representative elements using electron configurations and Lewis valence electron dot structures.
Higher Order Thinking Questions	How does the electron configuration for an element relate to the element's placement on the periodic table?	How does the electron configuration for an element relate to the element's placement on the periodic table?	PSAT	What are the electron configuration, noble gas configuration, and orbital notation for a given element.
Agenda	Do Now Notes: Electron Arrangement in Ions Worksheet DOL	Note: Electron Configuration and Atomic Properties	PSAT Review	Test
Demonstration of Learning	Students are able to score a grade of 80 or higher answering questions about	Students are able to score a grade of 80 or higher on the questions about	Student are able to score a grade of 80 or higher on questions about Electron	Student will be able to score an 80 or higher on their test over Electron

	electron configuration of ions	Electron Configuration	Configuration	Configurations.
Intervention & Extension	Notes: Arrangement of Electrons in Ions	Notes: Electron Configuration	Notes: Electron Configuration	Test
Resources	Notes Practice Powerpoint Gizmos Lab	Notes Practice Powerpoint Gizmos Lab	Notes Practice Powerpoint Gizmos Lab	Test