



WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: John Sim

Subject: Chemistry

Week of: 09/30/2024	Monday 09/30/2024	Tuesday 10/01/2024	Wed. 10/02/2024	Thurs. / Friday 10/03 & 04/2024
TEKS	6C	6A and 6C	6A and 6C	No Classes
Learning Objective	SWBAT calculate average atomic mass of an element using isotopic composition.	SWBAT Describe the experimental design and conclusions used in the development of modern atomic theory including Dalton's Postulates, Thomson's discovery of electron properties, Rutherford's nuclear atom, and Bohr's nuclear atom. SWBAT Calculate average atomic mass of an element using isotopic composition.	SWBAT Describe the experimental design and conclusions used in the development of modern atomic theory including Dalton's Postulates, Thomson's discovery of electron properties, Rutherford's nuclear atom, and Bohr's nuclear atom. SWBAT Calculate average atomic mass of an element using isotopic composition.	
Higher Order Thinking Questions	How do you calculate the average atomic mass given the mass number and relative abundance of its isotopes?		How does atomic mass, atomic radius, ionization energy, and electronegativity increase across the periodic table?	
Agenda	Calculating Average Atomic	Quizizz: Review	Average Atomic Mass Test	

	Mass			
Demonstration of Learning	Students are able to score a grade of 80 or higher answer 5 questions on calculating average atomic mass.	Students are able to score a grade of 80 or higher on the Atomic Structure Review.	Student are able to score a grade of 70 or above on their Periodic Table Test	
Intervention & Extension	Calculating Average atomic Mass	Quizizz: Periodic Table Review	Periodic Table Test	
Resources	Notes Worksheet Calculating Average Atomic Mass	Quizizz: Periodic Table Review	Periodic Table Test	