



WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: John Sim

Subject: Chemistry

Week of: 02/24/25	Monday 02/24/25	Tuesday 02/25/25	Wed. & Thurs. 02/26 and 02/27	Friday 02/28/25
TEKS	8C	8D	8D	8D
Learning Objective	SWBAT <ul style="list-style-type: none"> Calculate percent composition of compounds 	SWBAT <ul style="list-style-type: none"> Differentiate between empirical and molecular formulas 	SWBAT <ul style="list-style-type: none"> Differentiate between empirical and molecular formulas 	SWBAT <ul style="list-style-type: none"> Review Percent Composition and Empirical vs molecular formula
Higher Order Thinking Questions	<ul style="list-style-type: none"> How do you calculate the percent composition of a component in a compound? 	<ul style="list-style-type: none"> Identify which chemical formula is an empirical formula and which is a molecular formula. 	<ul style="list-style-type: none"> Identify which chemical formula is an empirical formula and which is a molecular formula. 	<ul style="list-style-type: none"> Identify which chemical formula is an empirical formula and which is a molecular formula.
Agenda	<ul style="list-style-type: none"> Calculate the percent of sugar in gum 	<ul style="list-style-type: none"> Notes on Empirical vs Molecular Formulas 	<ul style="list-style-type: none"> Empirical vs Molecular Formulas 	Practice calculating percent composition Identify Empirical Formulas
Demonstration of Learning	Students will score a 70% or higher on percent composition of compounds	Students will score a 70% or higher on Empirical Formulas and Molecular Formulas	Students will score a 70% or higher on Calculating Formula Units	Students will score a 70% or higher on Calculating Formula Units
Intervention &	Notes	Notes	Notes	Notes

Extension	Tutorials: M, Tu, W, & Th	Tutorials: M, Tu, W, & Th	Tutorials: M, Tu, W, & Th	Tutorials: M, Tu, W, & Th
Key Terms	percent composition	Empirical Formula Molecular Formula	Empirical Formula Molecular Formula	Empirical Formula Molecular Formula