

Pacing Guide: CHEM A		UNIT 3 Bonding and Nomenclature			
Content and Duration	Content Expectation (GLCE/HSCE)	Student Learning Targets	Content Vocabulary	Required Activities	Common Assessments and Rubrics
Bonding Polarity Balance charges Name Ionic Name Covalent 3wks	C3.3 Heating Impacts C3.3X Bond Energy	<ul style="list-style-type: none"> Explain why a molecule must absorb energy to break a bond 	Potential chemical energy		
	C4.2 Nomenclature	<ul style="list-style-type: none"> Name Binary compounds Given the name write the formula Given a formula write the name Identify when to write names for ionic or covalent compounds from formulas 	Ionic Covalent		
	C4.4x Molecular Polarity	<ul style="list-style-type: none"> Explain why at the same temp different compounds are at different states Identify polar or nonpolar given a structure 	Polar Non polar		
	C5.2 Balancing Equations	<ul style="list-style-type: none"> Balance chemical reactions Identify reaction types Predict products and balance reactions based on reactants 	Reactants Products Combustion Synthesis Decomposition Single replacement Double replacement		

Pacing Guide: CHEM A		UNIT 2 Matter and its properties			
Content and Duration	Content Expectation (GLCE/HSCE)	Student Learning Targets	Content Vocabulary	Required Activities	Common Assessments and Rubrics
	C5.5 Chemical Bonds — Trends	<ul style="list-style-type: none"> Predict bond type Predict formulas 			
	C5.7 Acids and Bases	<ul style="list-style-type: none"> Recognize formulas for common inorganic acids and bases formed from alkali and alkaline metals 	pH hydronium hydroxide		