

Teacher: Powers

Week of: 09/20/2021

Subject: AP Chem

Period: 5

	OBJECTIVES	STANDARDS (from Pacing Guide)	ACTIVITIES	HOMEWORK	EVALUATION
M O N	Students will calculate the concentrations of solutions using molarity, molality, and percent by mass.	2.A.3:i, 2.A.3:j, 1.D.3:c	Before: Aqueous Solutions quiz (in Schoology) During: Lecture After: Concentration Calculations WS	Concentration Calculations WS due Wednesday Balancing Redox due today	Class Participation Redox Basics WS, Oxidation Numbers WS, Balancing Redox WS Aqueous Solutions quiz (in Schoology)
T U E	Students will use Beer's Law to calculate the concentration of an unknown solution.	LO 2.8, LO 2.9, 2.14, 2.15; SP 1, 2, 3, 4	Before: Lab briefing During: Concentration Lab After: Postlab discussion	Concentration Calculations WS due Wednesday	Class Participation Concentration Calculations WS
W E D	Students will use concentrations of solutions to perform stoichiometric calculations.	2.A.3:i, 2.A.3:j	Before: Molarity warm up During: Lecture After: Solution Stoich WS	Concentration Calculations WS due Wednesday Solution Stoichiometry WS due Friday.	Class Participation
T H U	Students will review concepts of reactions in aqueous solutions via MC practice.	2.A.3:i, 2.A.3:j, 1.D.3:c	Before: HW Q and A During: MC Practice	Solution Stoichiometry WS due Friday.	Class Participation
F R I	Students will review concepts of reactions in aqueous solutions via FRQ practice.	2.A.3:i, 2.A.3:j, 1.D.3:c	FRQ Practice problems and answer discussion	Solution Stoichiometry WS due today.	Class Participation