AP CHEMISTRY CHAPTER 3&4 SCHEDULE

Day	Activity/Discussion	Assign	BI	EU	LO
11	Chemical Equations (Patterns)	Read pg. 81-86			
	Conservation of Mass	Ex. (end of chapter)			
	Formula and Molecular Weights	3, 4, 5, 15, 17, 20, 23a			
	Reaction Types	Pre Lab Mole Ratio Lab			
12	Lab: Finding the Ratio of Moles of Reactants	Lab Report Due on Day 17			
	In a chemical reaction (Vonderbrink pg 45)				
13	Empirical/Molecular Formulas	Read 86-96			
	Combustion Analysis	Ex. 28, 33, 38, 40, 45b, 48, 51b			
	Avagadro's # and the Mole	53			
14	Quiz: Formulas/Combustion Analysis	Read 96-103			
	Stoichiometry	Ex. 7, 8, 54, 62, 65, 70, 76, 82			
	Limiting/Excess Reactants	Pre Lab Empirical Formula Lab			
	Actual/Theoretical Yield, % Yield, % Error				
15	Lab: Empirical Formula of Silver Oxide	Lab Report Due Day 20			
	(Vonerbrink Pg 1)				
16	Review of Combusion Analysis	Optional Excersises:			
	Stoichiometry	90, 94, 98, 103, 109			
	Lab Write Ups				
17	Electrolyte Properties	Read Pg. 116-130			
	Solubility Rules - NCAA IA	Ex. 4.1, 2, 3, 11, 15, 21, 24c,			
	Precipitation and Net Ionic Equations	35, 36, 43			
18	Strong Acid/Base Reactions	Read 131-138			
	Oxidation Reduction	Ex. 4.7, 8, 9, 47, 48, 51, 55,			
	Activity Series				
	Net Ionic Review				
19	Quiz: Net Ionic/Oxidation/Reduction	Ex. 60, 62, 67, 71, 73, 76			
	Review of Solution Chemistry				
20	Lab: An Activity Series	Lab Report Due Day 24			
	(Vonerbrink Pg 73)				
21	Concentration of Solutions	Read Pg. 139-148			
	Dilutions	4.10, 4.81, 83, 87, 89			
	Solution Stoichiometry				
22	Titrations	None: Finish Any missing			
	Activity: Titrations NaOH standardization	assignments			
23	Quiz: Concentrations/Solution Stoich.	Optional Excersises:			
	Review Chapter 3&4	3.88, 93, 101, 111 (difficult)			
		4.97, 103, 108, 111,			
		Look at Student Guide Practice Tests			
24	**TEST: CHAPTER 3&4**	Read Pg. 159-164			
		Ex. 5.1, 3, 15, 19, 20			