

## AP CHEMISTRY CHAPTER 5&6 SCHEDULE

Day	Activity/Discussion	Assign	BI	EU	LO
25	Go Over Test	Read 159-169			
	Thermodynamic Terms	Ex 5.3, 4, 6, 16, 25, 27, 30, 31			
	First Law of Thermochemistry				
26	Discuss Enthalpy	Read Pg 169- 175			
	Enthalpy of a reaction	5.8, 34, 37, 39, 41, 42, 43, 46, 47			
27	Calorimetry	Read Pg 175-180			
	Constant Pressure Calorimetry	5.50, 51, 55, 56, 57			
	Bomb Calorimetry				
	Specific Heat				
28	Enthalpy of Formation	Read Pg 181-187			
	Calculating Enthalpy of Reactions	5.63, 64, 68, 69, 74b, 75, 80			
	Hess's Law				
	Thermodynamics Pre Lab				
29	Lab: Thermodynamics - Hess's Law	Lab Report Due Day 34			
	Vonderbrink Experiment # 6				
30	Thermodynamics Quiz	Optional Ex. 5.95, 100, 102, 115			
	Review Discussion /Review Sheet	Look at Student Guide Practice Tests			
	Homework Due	Read Section Foods and Fuels			
31	Test: Chapter 5 Thermodynamics	Read Pg 208-212			
		Ex. 6.2, 6.3, 6.4, 6.11, 6.12			
32	Go Over Test	Read Pg 213-216			
	Discuss Dual Nature of Light	Ex. 6.18, 23, 25, 32, 36, 40, 43			
	Bohr Model and Line Spectra				
	Introduce PES				
33	PES - Guided Inquiry Activity	Activity Due Day 36 - Lab Score			
	Moog and Farrell's <i>Chemistry: A Guided Inquiry 5e</i>				
34	Quantum Mechanics and Atomic Orbitals	Read Pg 216-229			
	The Wave Behavior of Matter	Ex. 49, 52, 57a&b,			
35	Electron Configurations	Read 229-238			
	Electron Configuration and the Periodic Table	Ex. 62, 63, 67, 69, 74			
36	Quiz: Electron Configurations	Study the Student Guide			
	Homework Due	Practice Tests			
	Review Chapter 6 /Review Sheet				
37	TEST CHAPTER 6	Read Pg 250-254			
		7.1, 11, 12, 15			