

AP CHEMISTRY CLASS NOTEBOOK

As in Chem I, being organized is really important. At the end of each topic, reflect on what you've learned by making notes, flash cards, and taking on-line quizzes. You can continue to use the Topic Index Sheets as a table of contents for each topic. Keep up-to-date on www.molelady.com for semester schedules and Portal (Focus SIS) for monthly schedules.

<u>TOPICS:</u>	<u>Brown/LeMay</u>	<u>5 steps to a 5</u>
CHEMICAL FOUNDATIONS	1, 2, 25	BASICS
STOICHIOMETRY & MOLES	3	Stoichiometry
Types of REACTIONS; Aqueous Systems, & Solution Stoich	Ch. 4 (all), Ch 20 Sec 1, Ch 21 Sec 1, Ch 24.1	Reactions & Periodicity
THERMOCHEM & THERMODYNAMICS	5 & 19	Thermodynamics
REDOX & ELECTROCHEMISTRY	Ch 4 sec 4 & 20	Electrochemistry
GASES	10	Gases (over Thanksgiving)
KINETICS & some Nuclear	Ch 14, Ch. 20 Sec 1, Ch. 25 (Sec 1)	Kinetics
<u>EQUILIBRIUM/Le Chatelier's/Ksp of Salts</u>	<u>15, 19</u>	<u>Equilibrium</u>
IONIC EQUILIBRIA of ACID/BASE	Ch. 16 Sec 1-7	Equilibrium
BUFFERS	Ch 16 Sec 8-11 and Ch 17	Equilibrium
ATOMIC STRUCTURE & PERIODICITY	6 & 7	Spectroscopy, Light & Electrons
BONDING	8-9	Ionic and Molecular
INTERMOLECULAR ATTRACTIONS	11	Solids and Liquids
	Examined throughout the course	
**TRANSITION METALS & COORDINATION CHEM	24	
**ORGANIC	25	Organic Chem

REFERENCE: (some you can get from www.molelady.com and others will be given to you), Information for AP Chem, Procedures and Routines, Guidelines for your Classroom, Gradesheet Worksheet, Mole Road, Monatomic & Polyatomic Ions, Reference Sheet AP Chem Formula Sheet

For LABS: Safety Rules, Full Lab Report, Equipment Picture Sheet, SWH Lab Report