AP Chemistry

Equilibrium Assignment Sheet

This is one of the most challenging units in this course. The key to success is ongoing practice and problem solving. Accordingly, assigned text problems may be checked at any time. Be prepared to share solutions during class!

Date	In Class	Assignment
10/29	POGIL: Dynamic Equilibrium & LeChatelier's Principle	Study for Ch. 14 test
10/30	Kinetics Test	Read/highlight chapter 15 outline Work on science fair initial proposals
10/31 ER	POGIL: Writing K_{eq} expressions and interpreting K_{eq} values K_c vs. K_p expressions	Complete text problems 15.1-15.3, 15.5-15.9, 15.35 Complete science fair initial proposals
11/1 Long G	***Science fair initial proposals due*** Manipulating K_{eq} expressions	Work on kinetics minilab Listen to webcast on Calculating Equilibrium Concentrations Work on science fair revised proposals
11/2 Long A	(submit in google classroom) POGIL: Reaction Quotient	
11/5	Calculating Equilibrium Concentrations (ICE)	Complete kinetics minilab Pre-lab for guided inquiry lab Work on science fair revised proposals
11/7	***Kinetics Minilab due*** Guided inquiry lab: LeChatelier's Principle	Work on CALM problem set Study for quiz
11/8	Quiz: K_{eq}/Q vs K Converting between K_p and K_c	Complete revised proposals Work on LeChatelier's Principle Minilab **Finish CALM problem set by 9 pm on 11/13**
11/9	Chapter 15 Problem Set	
11/13	***Science fair revised proposals due*** Chapter 15 Problem Set	Finish AP Classroom assignment before class on 11/14
11/14 Long G	Chapter 15 wrapup/review Bring review books to class!	STUDY for chapter 15 test
11/15 Long A	Chapter 15 test	Finish LeChatelier's Principle Minilab
11/16 long	***LeChatelier's Principle Minilab due*** K_{sp} problems	Work on science fair initial bibliography Listen to webcast on Ksp Problems
11/19 half day	Common Ion Effect & Slightly Soluble Salts (POGIL)	VACATION WORK—due 11/26 • Complete science fair initial bibliography • Reading assignment on alloys & semiconductors • AP Classroom assignment
11/20 half day		
11/26	***Science Fair Initial Bibliography due*** K_{sp} lab	Study for K_{sp} quiz Read/highlight Ch. 16 outline
11/27	K_{sp} quiz 3 acid-base theories	Finish K_{sp} minilab (due 11/28)

Reminder: Term 1 ends on Thursday, 11/1