

# AP Chemistry

## Stoichiometry Assignment Sheet

Date	In Class	Assignment
8/31	Turn in lab notebooks, Ch. 1 & 2 problem sets Set up portfolios, get handouts, etc. Go over Ch. 3 problems Review ideal gas law	*Sign and return syllabus and safety contract <i>All chapter 3 textbook problems due 9/7</i> CALM problem set 2.1 due 9/10 at 2:20 pm Study the polyatomic ions
9/1 Long F	Short quiz on polyatomic ions POGIL: Combustion analysis	<i>All chapter 3 textbook problems due 9/7</i> Study solubility rules CALM problem set 2.1 due 9/10 at 2:20 pm
9/2	Start net ionic equations Chapter 3 Problem Set	*Prelab assignment for Lab #1 CALM problem set 2.1 due 9/11 at 2:20 pm Study solubility rules
9/6 Long A	Lab #1: Determining the Phosphorus Content in Plant Food (Day 1) Down time: LR & % yield problems	<i>All chapter 3 textbook problems due 9/9</i> CALM problem set 2.1 due 9/10 at 2:20 pm Print Ch. 4 outline & highlight
9/7	Lab #1: Determining the Phosphorus Content in Plant Food (Day 2) <b>Turn in chapter 3 problems</b>	*Prepare chapter 3 summary notecard Listen to <a href="#">Molarity podcast</a>
9/8 ER	Molarity review Start Ch. 4 problem set	Start Lab #1 formal lab report Study for Chapter 3 quiz ( <a href="#">online practice</a> )
9/9	Chapter 3 quiz (combustion analysis) Balancing redox reactions	*Required text problems 4.1-4.5 CALM problem set 2.2, 2.3 due 9/16 at 2:20 pm Memorize solubility rules
9/12	Chapter 4 problem set, Applying solubility rules (FRQ)	*Required text problems 4.6-4.12 CALM problem set 2.2, 2.3 due 9/16 at 2:20 pm Memorize solubility rules
9/13 Long F	Quiz on applying solubility rules Titration problems Qualitative clicker question set	*Chapter 4 text problems 4.105-4.107 CALM problem set 2.2, 2.3 due 9/16 at 2:20 pm Work on Lab #1 formal lab report (due 9/22)
9/14	Ch. 4 Problem Set Clicker question set	Listen to <a href="#">Titration Podcast</a>
9/15	Chapter 4 Problems Clicker question set	*Chapter 4 text problems 4.110, 4.111 CALM problem set 2.2, 2.3 due 9/16 at 2:20 pm *Make chapter 4 summary card
9/16	Wrap up/review	Study for stoichiometry test
9/19	<b>Stoichiometry Test</b>	Work on Lab #1 formal lab report (due 9/22)
9/20 Long D	POGIL: Calorimetry	print Ch. 5 outline & highlight *Prelab assignment for Lab #2
9/21 ER	Lab #2: (Guided Inquiry) <i>Finding the Ratio of Moles in a Chemical Reaction (planning)</i>	Podcast: <a href="#">Hess' Law</a> Complete Lab #1 formal lab report (due 9/22)
9/22	Lab #2: (Guided Inquiry) <i>Finding the Ratio of Moles in a Chemical Reaction (experimenting)</i> <b>Lab report #1 due</b>	Work on formal lab report #2 Start CALM