***AP Chemistry***

Stoichiometry Assignment Sheet

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| **Date** | **In Class** | **Assignment** |
| 8/29 | 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  *All chapter 3 textbook problems due 9/4*  CALM problem set due 9/12 at 2:20 pm  Study the polyatomic ions |
| 8/30 | Short quiz on polyatomic ions  Problem set: Combustion analysis | *All chapter 3 textbook problems due 9/4*  Listen to [Molarity podcast](http://www.youtube.com/watch?v=Ed1S0fLBqk4&feature=plcp)  Print Ch. 4 outline & highlight |
| 8/31  Long G | Molarity review  Work on problem set: Titration problems  Long G: LR & % yield problems | *All chapter 3 textbook problems due 9/4*  Listen to [Titration Podcast](http://www.youtube.com/watch?v=70f7gt1Id50)  Study solubility rules & common strong acids |
| 9/4  Long A | Problem set  Long A: LR & % yield problems | \*Prepare chapter 3 summary notecard  Study for Chapter 3 quiz ([online practice](http://www.sciencegeek.net/Activities/combustion.html)) |
| 9/5 | Chapter 3 quiz (combustion analysis)  Balancing redox reactions | \*Required text problems 4.1-4.5  Study solubility rules & common strong acids work on CALM (due 9/12) |
| 9/6  Dr V out | Active Learning Activity: Net Ionic Equations |
| 9/7 | Problem set, Applying solubility rules (FRQ) |
| 9/10 | Problem set | \*Required text problems 4.6-4.12  CALM problem 9/12 at 2:20 pm  Study solubility rules & common strong acids |
| 9/11  Long F | Problem set  Clicker questions | Prelab assignment for Lab #1  Finish CALM problem set (due 9/12 at 2:20 pm) |
| 9/12  Long G | Lab #1: *Finding the Ratio of Moles in a Chemical Reaction* | \*Make chapter 4 summary card  Start working on Lab #1 formal lab report |
| 9/13  Long A | Chapter 3/4 wrapup & review  Mixed Practice | Study for stoichiometry test |
| 9/14 | **Stoichiometry (Chapters 3 & 4) Test** | print Ch. 5 outline & highlight  Work on lab #1 formal lab report |
| 9/17 | POGIL: Calorimetry | Work on Lab #1 formal lab report (due 9/21) |
| 9/18  Long D | Hess’ Law Problems | \*Prelab assignment for Lab #2 |
| 9/19  ER | Lab #2: Determining the Formula of a Hydrate | Podcast: [Hess’ Law](http://teachertube.com/viewVideo.php?video_id=116573&title=Hess_s_Law&ref=kvanderveen)  Complete Lab #1 formal lab report (due 9/21) |
| 9/20 | Lab #2: Determining the Formula of a Hydrate | Finish Lab #1 formal report  Start CALM for Chapter 5 |