

00	Introduction to AP Chemistry	09-10	
Item	Action	Due	✓
Welcome Letter to Students and Parents	Read over the summer		
Complete AP Chemistry Syllabus and Calendar	Read over the summer Review in class first day Keep in notebook	first day back Aug 19	
Laboratory Safety Packet* *last two pages must be signed and returned before first lab.*	Read over the summer with parents Review in class first day Get signatures Keep in notebook	lab safety signatures Fri Aug 21	
The Laboratory Notebook	Read over the summer Review in class first day Keep in notebook	first day back Aug 19	
AP Reference Packet (includes): AP Periodic Table AP Standard Reduction Potentials AP Equations & Constants IUPAC Periodic Table List of Oxidation Numbers of Ions Ternary Nomenclature: Acids & Salts	Review over summer Review in class first week Keep in notebook	first day back Aug 19	
Rules for Significant Figures Packet and Assignment due on July 24 with Ch 1 problems	Read over the summer Review in class first week Complete assignment Keep in notebook	mail with chapter one assignment	
Summer Chapter Assignments Ch 1 and sigfig worksheets - due by July 24 Ch 2 - due by August 8 Ch 3 - due by August 19 (first day)	Complete over summer Review in class first week Mail or e-mail to Mr. Carney	see box to the left ←	

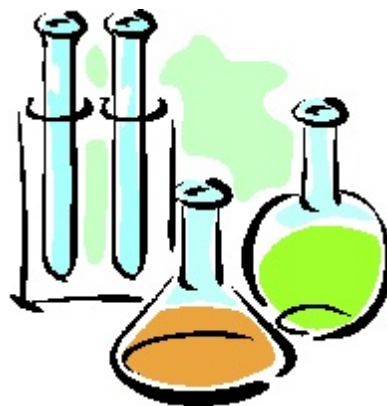
MEMO

To: Parents & Students of AP Chemistry

From: Mr. Patrick Carney

Date: May 18 2009

Re: Welcome to AP Chemistry



Introduction

Welcome to AP Chemistry. By signing up for this AP course, you have chosen to continue your study of Chemistry. Most of you have already taken Chemistry with Mr. Lamborn, Dr. Graboski, or me. You already know quite a bit. You know that Chemistry is an fascinating blend of problem solving, concepts, math skills, and laboratory experiments. You must have liked Chemistry or you wouldn't be back. You will discover both familiar and new ideas in every chapter, and by May, integrate all of these ideas together just in time for the AP exam. Most of the AP exam questions come from the material in the last few chapters: kinetics, equilibrium, thermodynamics, and electrochemistry. These are brand new concepts for you and will be the most challenging.

If AP Chemistry is your first Chemistry, you may have to work a little harder, study a little more, or ask more questions. You can and should be as successful as everyone else.

Success for an AP course ultimately means getting a 3, 4, or 5 on the AP exam. Many colleges, including the University of Delaware, grant up to eight credits (that's right - 8) for Chemistry. No other AP course is this generous. You should check with the colleges you wish to attend for their AP policies. Success also means getting good marking period grades. AP Chem is infamous as a GPA buster. It is a tough course, but we can be tougher. We have two periods a day. Everything can be done (and more) in that time frame. Procrastination, not difficulty, is what produces low grades. Never put off to tomorrow what you can accomplish today. My definition of success also includes that you truly understand and apply Chemistry to your world and life, as evidenced by your participation, grades, exams, labs, and ultimately the AP exam.

AP Chemistry

As you review the syllabus, you will see that we move very quickly through the chapters, completing most of the book. There are regularly scheduled exams, quizzes, and homework. Be sure to check out the grading section of the syllabus. Nothing especially unique, but you still should look. Although you are taking a seventh edition book home for the summer, I hope to have the newer, tenth edition for everyone by August.

Most of the assignments involve problem solving. This is the key to learning AP Chemistry. The best way to learn problem solving is by doing it! Don't skimp on the problem sets and problem sessions. No passive learners allowed!

We also have a very rigorous lab schedule. The quantity and quality of our lab work is why AP Chemistry is worth so many college credits. Maintaining an up-to-date lab notebook is absolutely essential. Safety is always paramount in AP Chemistry.

The Summer Packet

Don't be scared by the thick packet of information. A close inspection will show that you are doing assignments from the first three chapters.

All problems are found at the end of a chapter. Some are numbered in red, others in black. That is why the assignment planners specify red and/or black for some of the problems. E-mail or snail mail me the work by the deadlines on the papers. Please don't be late. If you have any questions or problems, e-mail me. I will check my e-mail regularly throughout the summer.

The other materials include the district safety policy, lab notebook information, and a set of reference materials. Familiarize yourself with all of these materials. You should know your way around a periodic table. Both an AP and IUPAC periodic table is enclosed. You should start to memorize the names of some common ions and acids. A little memory work now makes the whole year easier. Check out the equations & constants pages. As daunting as they may appear, I have no doubt that you will catch on very fast if you have basic algebra skills. Keep all of these materials and bring them on the first day of school.

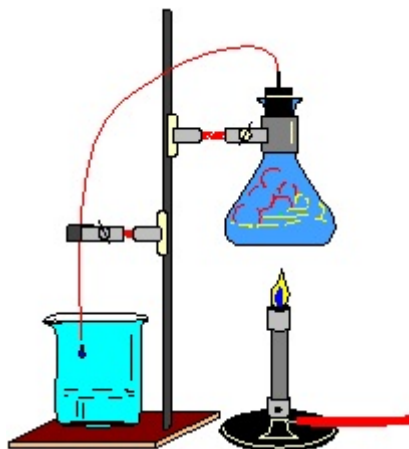
In Closing

Fire up the Bunsen burners! We haven't a moment to lose. See you in August.

Mr. Patrick Carney

e-mail assignments and question to:
pcarney@colonial.k12.de.us

mail assignments to:
111 E. Roosevelt Ave
New Castle, DE 19720



01	Introduction-Matter & Measurement	09-10	
Item (All pages & problems refer to BLB, 7 th ed, unless otherwise indicated.)	Action	Complete by	✓
pp. 1-31	READ		
Problem Set 1-A: #2-16 black, 1,23, 28, 35, 40	complete by	Fri July 24	
Problem Set 1-B: 51-57, 60, 63, 71, 74	complete by	Fri July 24	
Significant Figures Worksheets #1-5	complete by	Fri July 24	

02	Atoms, Molecules, and Ions	09-10	
Item (All pages & problems refer to BLB, 7 th ed, unless otherwise indicated.)	Action	Complete by	✓
pp. 37-65	READ		
Problem Set 2-A: 1-17 red	complete by	Sat Aug 8	
Problem Set 2-B: 19, 23, 27, 31, 33, 37, 39, 43, 47, 49, 51, 60, 62	complete by	Sat Aug 8	

03	Stoichiometry: Calculations with Chemical Formulas	09-10	
Item (All pages & problems refer to BLB, 7 th ed, unless otherwise indicated.)	Action	Complete by	✓
pp. 71-99	READ		
Problem Set 3-A: 3, 4, 5, 9, 25,	complete by the first day of school	Wed Aug 19	

mail assignments to: Mr. Patrick Carney 111 E Roosevelt Avenue New Castle, DE 19720	or e-mail as attachments in MS-Word, Corel WordPerfect, or other word processor format to: pcarney@colonial.k12.de.us
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