

YOU MUST CONTACT Mrs.TAYLOR IN ORDER TO PICK UP THE SUMMER ASSIGNMENT and a TEXTBOOK.

IF YOU REGISTER DURING THE SUMMER Please contact me if you are unable to get one from Guidance or the front office.

AP Chemistry Summer Assignment
Westfield High School
2009-2010

Welcome to AP Chemistry

I have put together some information briefly describing the course and some expectations for you during the summer as we prepare for the course work in the fall. This is an effort to keep those things you have learned fresh in your mind (or to refresh your memory) so that we can proceed effectively once the school year begins. [If you have any questions on what is enclosed in the packet you may contact me by e-mail Robin.Taylor@feps.edu](mailto:Robin.Taylor@feps.edu)

Introduction

The Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year for most majors involving health and engineering related fields. For some freshmen, this course will enable them to undertake second-year work in the chemistry sequence; or to register for other courses where chemistry is a prerequisite. For others, this AP Chemistry course fulfills the laboratory science requirement and frees time for other courses.

Students who sign up for AP chemistry should have completed Algebra 2 and are expected to spend at least **10-15 hours a week** in unsupervised study. All students enrolled in AP Chemistry will take the AP examination in May.

Please note that this is a rigorous fast paced course that will infringe on your time outside of the classroom. You will also be expected to make time after school if needed to complete labs or to check your homework. This is not an easy course and requires some time management skills. The teacher is always available for extra help. The experiences in this course will enlighten you to the rigors of college level coursework. The expectation is that you will accept this challenge keeping in mind the experience will prepare you for future academic success in college.

Text

We will be using *Chemistry*, 6th edition by Steven Zumdahl

Topics

The course stresses the importance of the theoretical aspects of chemistry. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics will be covered in considerable depth.

AP Chemistry Supply list

- 1) Loose leaf notebook dedicated to AP Chemistry.
- 2) **ALL Laboratory** work will be done in a carbon copy lab notebook. These will be ordered the first week of school. Please be prepared to bring \$13.00 cash or check to purchase one. Checks are to be made out to WHS with your name and "lab book" in the memo section.
- 3) Princeton Review or Barrons Review for AP chemistry (any year will do)
- 4) Lined paper, Post its, red pen, highlighter
- 5) Scientific calculator -does not need to be a graphing calculator