

AP Chemistry Summer Assignment

2024-2025

Instructor: Mr. Falcon

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Introduction:

During the summer of 2024, AP Chemistry students should come to class in September with background knowledge of topics that were learned in their previous Chemistry class. As a result, students are expected to “brush up” on fundamental topics that will not be heavily discussed when class begins in September. It will be necessary for students to review by reading assigned units of the online summer course, taking any necessary notes, and answering pre-test and other assessments set by the online course.

During the year, the instructor will not discuss the summer chapters in great detail. Topics of **major concern only** that may need further explanations will be discussed during class. There will be a **test approximately 1 week after school starts** in September regarding the first 3 chapters of the AP Chemistry Textbook. Please take this assignment seriously as you will be held responsible for the material.

It is important that you complete problems using **dimensional analysis** (unit cancellation) and **keep track of all units** throughout the problem (it will be REQUIRED on the AP Exam). In general, all solutions should show organized work. **Answers without work will not receive credit on any tests.**

The summer assignment will be in the form of an electronic version of the Test Prep Series book that accompanies the AP Chemistry textbook utilized during the upcoming school year. It is expected that you review the learning objectives at the beginning of each of the 3 topics, go through the document in its entirety, take necessary notes, review sample problems and complete ‘your turn’ questions. The graded portion of the assignment will encompass the Multiple Choice and free response questions at the end of topics 2 and 3. Although topic 1 does not have end of topic questions, you need to be fluent with the concepts as it includes fundamental skills and content that are necessary for the duration of the course. All of these topics should be fully grasped by September. Should any questions arise, do not hesitate to contact a classmate or email me at markfalcon@parkridge.k12.nj.us

When you return in the fall, we will spend a couple of days reviewing the concepts you found most difficult. Again, if you are having difficulties, feel free to email other students or the instructor for help.

This year you will be expected to put in a lot of time and effort. Keep in mind that “practice makes perfect.” It is only through repeated efforts that these chemistry problems will become easier to solve. Take this summer assignment seriously and allot yourself enough time to complete it *with purpose!*

Remember: I am here to ***help you*** to do the best you can. ***I expect nothing less than your best efforts.***

Good luck, and enjoy the summer! ☺