

AP Chemistry
Summer Assignment 2022

This assignment is nearly all review material from Honors Chemistry.

- I. Join the AP Chemistry Google Classroom. You were sent an invitation.
- II. Set up a [College Board account](#) if you don't already have one.
- III. Bookmark the site for the online textbook:
<https://openstax.org/books/chemistry-2e/pages/1-introduction>
You should be able to get a used copy for less than \$20 (Amazon had a number of used copies available)
- IV. Download a copy of the [ACS Guidelines for Chemical Safety in Academic Settings](#).
- V. Memorize the [polyatomic ions](#). I recommend making flash cards or using the Quizlet set (posted in Google Classroom).. Practice them daily! Knowing the polyatomic ions makes certain assignments (such as writing net ionic equations and predicting products) much easier.
- VI. Set up your lab notebook. See the instructions in Google Classroom.
- VII. Complete the [GoFormative summer work problem set](#). It's due by 8:15 am on Wednesday, 8/31. It is designed to help you review key skills from last year and improve your problem solving skills. The topic numbers are based on the current course and exam description from the College Board.
- VIII. Start thinking about science fair projects. This year, AP chemistry students will be required to complete *experimental projects*
- IX. Optional (but highly recommended): Order a copy of the textbook: *Chemistry the Central Science* 12th Edition ISBN-13: 978-0132175081 ISBN-10: 0132175088

You may also find my [YouTube webcasts](#) to be a useful resource.