

AP Chemistry Summer Assignment

June, 2021

Welcome to AP Chemistry! You already have a background in chemistry from your general chemistry course, but AP Chemistry is very different. Instead of memorizing how to do certain types of problems, you will need to understand chemistry and be able to apply it. AP chemistry covers two semesters of college chemistry and lab work. In order to succeed, you must keep up with the assignments and be willing to put in work outside of class.

Like all AP courses, this one comes with a summer assignment. I do not want to inundate you with copious amounts of summer work as the summer is meant to be a break from school and a time to enjoy the outdoors. With that being said, it is imperative that you have a strong foundation upon beginning the curriculum in September. The goal of the summer work is to be able to start the year in Chapter 4. Therefore, the summer work covers chapters 1—3 and 11. You are to complete four online problem sets that correspond to the four summer topics (01 chemical foundations, 02 atoms, molecules and ions, 03 stoichiometry and 04 intermolecular forces). The online problem sets will be through [MasteringChemistry.com](https://www.masteringchemistry.com). I will need your email address to send you the required information to get going. It is also important to know your polyatomic ions so I will **quiz you on day 2**.

I am looking forward to seeing all of you on the first day of school next year. If you need to contact me during the summer, you can call or email and I will get back to you as soon as possible.

Have a great summer!

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Summer Assignment:

Familiarize yourself with the AP Chemistry website:

<https://apcentral.collegeboard.org/courses/ap-chemistry/course>

- Complete the four online problem sets through [masteringchemistry.com](https://www.masteringchemistry.com).
- Memorize ion names and formulas (This is another teacher's summer work, it is here for you to study the polyatomic ions)
(http://www.sciencegeek.net/APchemistry/APpdfs/AP_Summer_Packet.pdf)
- Prepare for polyatomic ion quiz during first week of school

