

A Letter to the Students

Dear AP Student,

Welcome to AP Chemistry. This is a fast-paced course for students who consistently work hard, pick up ideas quickly, and manage their time effectively. Hard work and self-determination will help you succeed in this class.

The summer work reviews the basic fundamental knowledge of General Chemistry. Some of you took it last year, two years ago, or maybe taking it currently. AP Chemistry is a whole new set of information. You must have good background knowledge of the topics in this summer work. Please take time to do the summer homework and get the practice you need. You are an advanced student in an advanced class; please do not fall behind. Throughout the Summer, I will update my class website with information that will help you throughout the year. With the summer homework, I will attach some websites that include video lessons or practice, which can refresh your knowledge about CP/Honors chemistry. I also attached a list of materials you will need for the class. There are some links embedded throughout the materials and the summer section. Please use these links to help you prepare for AP Chemistry over Summermmmer.

I look forward to a great year together.

Sincerely,
Mr. Khan

Supplies:

These are required materials to bring with you every day starting on the first day of school unless assigned.

- 5 subject notebook. (for Chemistry only. No other subject's work should not be present anywhere in this notebook). Use this [link](#) to see what I am referring to.
- You need a Scientific Calculator. You can use a [Ti84](#) or a cheaper one, [TI-30XIIS](#).
- You need a [2-inch binder](#) for all the class handouts for the school year. Or, you can use a [1-inch binder](#) for each semester.
- Pencil/Pen (Black/blue preferred), A red pen, and Highlighters.

Summer Work

Resource	What should the student do?	How does it Impact AP Chemistry?
https://www.youtube.com/watch?v=FXBEh7nd9KQ	Use this video for study tips about how to memorize the polyatomic ions. No notes are required.	You need to know them so you can name different compounds. Very fundamental knowledge that you need to do well for AP Chemistry.
https://gchem.cm.utexas.edu/canvas.php?target=bonding/ionic/polyatomic-ions.html	Memorize the following polyatomic ions. No notes are required.	You will be tested on these polyatomic ions on the first Friday of school starts.
https://www.sciencegeek.net/APchemistry/APtaters/directory.shtml	Practice everything from Chapter 2 (Atoms, Molecules, and Ions) except the last one (Analysis of mass spectrometry) . No notes are required.	AP Chemistry already assumes that you know this basic stuff from CP chemistry. You will have a diagnostic test on these materials in the second week of the school year. Therefore go to the website, practice a bit at a time, and you will be well prepared for the test.
http://www.bozemanscience.com/ap-chemistry	(Optional) If you can, please watch any videos (Especially from Unit 1) on this page.	We will use these videos pretty frequently in this class.