

Dear AP Chemistry Student,

I am excited that you are thinking about taking AP Chemistry in the 2026-2027 school year. This is a hard class that requires dedication, a fair amount of work and a love for chemistry. I know that with your passion and effort, we'll have a rewarding time learning this advanced material in chemistry.

AP Chemistry is meant to be a second-year course. There is a lot of new material to cover and very little time to go over the basics for topics we studied in Honors Chemistry. Unit 1 for AP chemistry reviews the basics that you learned in honors chemistry. Your summer assignment is to watch four YouTube videos (about 4 hours in total) and complete the worksheets that go along with the videos. The assessment practice is provided as well.

Letters from previous year AP chemistry students are included for your reference so you may know what to expect in this class.

- Topic 1.1-1.3 video link:
<https://www.youtube.com/watch?v=WpDhbWSmsso&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=1>
- 1.1-1.3 worksheet link:
<https://drive.google.com/drive/u/0/folders/16EcwcMVK1K781U4oelkOAEvK8uqbonhl>
- Topic 1.4-1.6 video link:
<https://www.youtube.com/watch?v=FPdhwLE0Pdo&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=2>
- 1.4-1.6 worksheet link:
<https://drive.google.com/drive/u/0/folders/16EcwcMVK1K781U4oelkOAEvK8uqbonhl>
- Topic 1.7-1.8 video link:
<https://www.youtube.com/watch?v=QWNImABCavQ&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=3>
- 1.7-1.8 worksheet link:
<https://drive.google.com/drive/u/0/folders/16EcwcMVK1K781U4oelkOAEvK8uqbonhl>
- Unit 1 Summative Assessment Practice video link:
<https://www.youtube.com/watch?v=Yavqv7ScPuQ&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=7>
- Unit 1 Summative Assessment Practice worksheet link:
<https://drive.google.com/drive/u/0/folders/16EcwcMVK1K781U4oelkOAEvK8uqbonhl>

- Letter from AP Chemistry class 2026:
<https://drive.google.com/drive/u/0/folders/16EcwcMVK1K781U4oelkOAEvK8uqbhnl>

The summer assignment will be checked on the first day of class and it will be worth 40 points in the homework category. ***You may complete the assignment either on paper (print at home) or on digital device.*** Homework pass may not be used for the summer assignment and 10% deduction will be applied for each class period that is late.

The 40 points (20 pts MCQ and 20 pts FRQ) summer assignment (unit 1) test will be taken on week 2 after school starts in fall. We will highlight a few topics during the first week of school.

Lastly, please be reminded that AP chemistry is a lot more intensive than honors chemistry. It requires solid foundation and deep learning to succeed. Please take the summer assignment seriously to prepare yourself so you may enjoy a rewarding year in AP Chemistry. If you have any question during summer, please do not hesitate to email me at lshen@vcs.net I look forward to having you in my AP Chemistry class and have a safe and meaningful summer!

Blessings,
Dr. Shen