

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.

- Topic 1.1-1.3 video link:
<https://www.youtube.com/watch?v=WpDHBWSmsoo&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=1>
- 1.1-1.3 worksheet link:
<https://drive.google.com/file/d/11ysN9fsLV5WNAJly37kDr0WqLVd0J5BT/view>
- 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/file/d/1Eb8SBvJJw5i4blhFEfuym_mXfUMxL8Jb/view
- Topic 1.7-1.8 video link:
<https://www.youtube.com/watch?v=QWNlABCavQ&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=3>
- 1.7-1.8 worksheet link:
<https://drive.google.com/file/d/18bzbYsSzOiPQ9WRLHRrZtu0EtJ1qhb6S/view>
- 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/file/d/11soAjekkbv6DTgarqf6IwTY4FC0UrfRe/view>

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 test will be taken on week 2 after school starts in fall. The test will be entirely based on the summer assignment.

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