



2024 – 25 UCH423H AP Chemistry Summer Assignment

Welcome to AP chemistry! This fall will begin a fascinating year studying the structure of matter and the changes matter undergoes. To help you prepare for the year, you will be completing review work produced by the National Math + Science Initiative (NMSI), which is supported by many organizations including the CollegeBoard. This is all first-year chemistry material, content you have had before. You'll be watching lecture videos and completing note taking guides.

There are three sets of note taking guides for you to complete. Open and print those. Below are links to the companion videos associated with the notetaking guides. A few tips:

- It would be to your advantage to wait until the last couple of weeks of the summer to complete these. You want to information fresh in you head as you come to class in September.
- There are about 6 hours of videos. Do not watch all six hours at once. You need time to process the material. Feel free to break up each video into smaller times.
- Write down questions that you have about the material, so you can ask them in class. Though you have had the material in some form before, it may have been explained in a different way. Don't worry and ask questions!

Companion Video Links (*** The password for the private videos is: linuspauling)

NOTES

[Chemical Foundations:](#)

[Atoms, Molecules, and Ions:](#)

[Composition Stoichiometry part 1:](#)

[Composition Stoichiometry part 2:](#)

VIDEOS

<https://vimeo.com/14216778>

<https://vimeo.com/14217141>

<https://vimeo.com/13588248>

<https://vimeo.com/104121824>

The completed packets will be submitted to Canvas by the first Friday of the school year.

Enjoy your summers, and I look forward to a fantastic year of studying chemistry!

Mr. Drougel