

AP Chemistry Summer Assignment for 2025-26

Mrs. Carpenito (lcarpeni@eischschools.org)

***** In order to access the assignment, you MUST be added to my roster. Please stop by room 133 to pick up materials and fill out a very brief student info form...PRIOR TO THE END OF THE SCHOOL YEAR!!! Once I receive everyone's information, I will send out an email with instructions to access the AP Chemistry Google Classroom to begin your assignments for next year. *****

I understand that this is summer vacation so I want to make the best use of your time by assigning you work that is relevant to your success in AP Chemistry. The purpose of this assignment is to review some important prerequisite skills that you should have after your first year of chemistry so that we are ready to begin the work of AP Chemistry as soon as school begins in September.

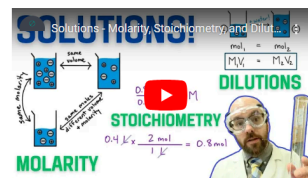
Task 1: The first part of the assignment is divided into 4 sections and will be due at various points throughout the summer. This assignment requires you to watch videos while filling out a set of guided notes and then completing a series of practice problems. Each of these assignments need to be submitted to the Google Classroom on or before the due dates listed. Assignments will be available beginning June 30th. Assignments will not be reopened if you fail to complete them on time. Each section of the assignment will be graded and the grades will be counted toward your first quarter average.

The following are the due dates for the assignments:

Assignment #1

Solutions: Molarity, Solution Stoichiometry, and Dilutions

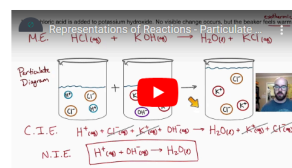
Due: July 11, 2025



Assignment #2

Particulate Diagrams: Representations of Reactions

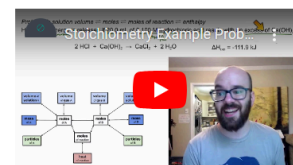
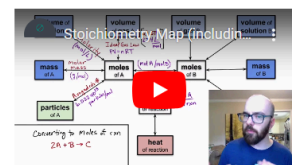
Due: July 25, 2025



Assignment #3

Stoichiometry: The Math of Chemistry

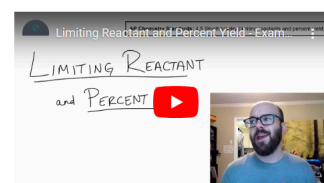
Due: August 8, 2025



Assignment #4

Limiting Reactants and Solution Stoichiometry

Due: August 15, 2025



Task 2: The second part of the assignment requires you to write an introduction letter to your AP Chemistry teacher. This is due on or before the second day of school, Friday September 5th.

Instructions: Please send an email to lcarpenni@eischools.org using your school email address only and type “AP Chem: Introduction to (your name)” in the subject line. This is a professional form of communication so be sure you do not write as if you are texting a friend. The purpose of the email is to give me some information about yourself and why you chose to take AP Chemistry. Please address the following points but feel free to also include some other information if you would like!

- Why did you choose to take AP Chemistry? What science classes have you taken up to this point and which one was your favorite?
- What goals do you have for yourself in this class next year? What goals do you have for your future?
- What are your worries or your fears when you think about taking AP Chemistry next year?
- What was your greatest struggle in your previous chemistry class? How did you work through it? How do you feel you learn the best?
- What are some other activities and interests that you have outside of class? Tell me something interesting about yourself!

ANY QUESTIONS? If you have any questions or concerns while you are working on your assignment, you may email me anytime during the summer. I usually check my emails weekly so I may not respond to your email immediately, but I WILL respond as soon as I am able. I hope that you enjoy your summer and find some time to relax, rejuvenate, and spend time with friends and family. I look forward to working with you and hope that you are excited to continue your study of **CHEMISTRY!**

