

AP Chemistry Summer Homework Assignment 2026-2027

****Due the first day of school**

Print out and complete the following assignments. They cover concepts you learned in your first year chemistry course. If you are stuck, feel free to reach out to me at sarah.kirchhoff@beechwood.kyschools.us. I will try to answer your question(s) or we can set up a time to meet. Show all of your work.

1. Unit 0: Foundations of Chemistry (50 pts)

a. Guided Notes

Link to fill in the blank notes: (print and complete)

<https://docs.google.com/document/d/1Vvf8N6UOxt80Eljh9OKcrx-cnEPiPvEZ/edit?usp=sharing&ouid=109563624925088098028&rtpof=true&sd=true>

Link to slides for notes: (use these to complete the above guided notes)

<https://docs.google.com/presentation/d/1P-pyUq2xJQJAmGSnUssgkIcQw-SD4k5Z/edit?usp=sharing&ouid=109563624925088098028&rtpof=true&sd=true>

b. Homework

Link to homework: (print and complete)

<https://docs.google.com/document/d/1KCFIwdNrI7xYdGcXtj58HCcz3FJ0u5w5/edit?usp=sharing&ouid=109563624925088098028&rtpof=true&sd=true>

2. Unit 1: Atomic Structure and Properties (print and complete) (30 pts)

a. 1.1-1.3 <https://drive.google.com/file/d/1MO-cYwj9crCnrcJINMtcfJLuA4YJzsg9/view?usp=sharing>

i. Accompanying Youtube Video:

<https://www.youtube.com/watch?v=WpDHbWSms0o&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=1&t=340s>

b. 1.4-1.6 <https://drive.google.com/file/d/1HM09ZTRB-FLfOSFwSkpigxn timer=2h5vAI0/view?usp=sharing>

i. Accompanying Youtube Video:

<https://www.youtube.com/watch?v=FPdhwLE0Pdo&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=2>

c. 1.7-1.8 <https://drive.google.com/file/d/18bzbYsSzOiPQ9WRLHRrZtu0EtJ1qhb6S/view?usp=sharing>

i. Accompanying Youtube Video:

<https://www.youtube.com/watch?v=QWNImABCavQ&list=PLmtMZsGcmFlsGaBrpjdEWW55Vc84XA1Jc&index=3>

3. At Home Labs (print and complete each) (20 pts)

a. <https://docs.google.com/document/d/1I85qd25rhutn-XItOurxBZK2xE1K58iG1sHg7KJHdKY/edit?usp=sharing>

b. https://docs.google.com/document/d/1glTpj-AHelGj3q2GxJmkkFMre-F_QU_W3luvPWATgrY/edit?usp=sharing

You should be prepared to take the Unit 1 test the second week of school. Have a great summer!!