

AP Chemistry Summer Assignment Summer 2023

Welcome to AP Chemistry! I am excited that you have decided to take such a **challenging** course and I look forward to having you in my class this coming year. This course is designed to be the equivalent of a first-year general *college* chemistry course. As a result, this class is intended for high school students who are skilled and/or interested in chemistry and are willing to demonstrate very high levels of commitment, motivation, and academic maturity.

To prepare for the rigors of the course, I have created a Summer AP Chemistry folder. I will post the **Summer Assignment** as well as other important links, handouts, and updates in this folder. In addition, I will check this folder periodically to see who has been accessing it. If you have friends taking AP Chemistry please forward the information about his folder to them. Do not hesitate to email me bonnie.wright@cobbk12.org if you have any questions. Since students entering AP Chemistry have had a variety of Chemistry I experiences, completion of the assignments will help all students begin the semester on equal footing. There will be an assessment of this information in the first week of August.

If you have found yourself a bit rusty from your first year of chemistry, please look at the Bozeman videos at the following link: <http://www.bozemanscience.com/ap-chemistry/>. Let me know of other helpful websites you come across. Additionally, I recommend that you purchase your own copy of **5 Steps to a 5 on the AP: Chemistry**, by John T Moore or any other AP Chemistry preparatory workbook. Make sure it is a current issue.

Whereas AP Chemistry is not all about memorization; having the following items memorized is essential for success in learning the concepts covered in the course. I might suggest making flashcards, and get family/friends to quiz you. Take lists with you on vacation or do whatever it takes to get this information firmly planted in your head. Do not wait until the night before school begins.

You will need to know:

- Element Symbols and names
- Polyatomic ions (Name, symbol, and charge) *see handout in this folder*
- Solubility Rules *see the handout in this folder*
- Rules for Naming Ionic and Covalent Compounds
- Rules for Naming Acids

Again, please do not hesitate to email me if you have any questions or concerns.

Thank you.
Bonnie Wright