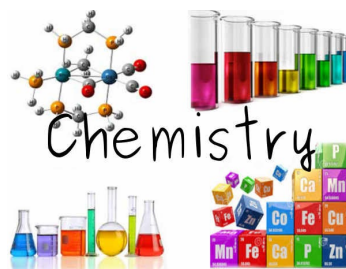


AP Chemistry 2022-23 Summer Assignment



1. Join the **Schoology AP Chemistry Summer 2022-23** course for resources and video links.

Access Code

G7JZ-TRT3-RGHZP

2. Required Summer Assignments

#1 Lab Safety ~ Due Tuesday, August 9, 2022

This course requires that students exercise the utmost caution while conducting experiments and handling chemicals. Safety procedures will be reviewed the first week of school and all students will be required to pass a safety test. Please familiarize yourself with the procedures on the Student Safety Contract. Complete Lab Safety Assignment.

#2 Lab Equipment ~ Due Tuesday, August 9

You will be required to know the names and uses of all lab equipment. Watch the Basic Lab Equipment and Lab Equipment - Explained videos and complete the Lab Equipment Assignment.

#3 Math Skills/Chemistry Concepts ~ Due Wednesday, August 10

This assignment is designed to provide you with a snapshot of the skills and concepts that will be utilized at the beginning of the year. If there is skill/concept that is new to you, it is recommended that you find and do additional practice to build mastery. See Schoology Video Playlists to find helpful videos ~ Chem Academy, Tyler deWitt, Khan Academy recommended.

3. Recommendations

- **Chemical Symbols** - memorize the symbols of the most common elements. See provided practice.
- **Common Polyatomic Ions** - memorize ions on provided Table. In addition, have a working knowledge of the following periodic trends:

Group #	1	2	13	15	16	17
# Valence electrons	1	2	3	5	6	7
Ion charge	+1	+2	+3	-3	-2	-1
Example	Na ⁺	Ca ²⁺	Al ³⁺	N ³⁻	S ²⁻	Cl ⁻

- **AP Chemistry Exam Prep book** - you will be provided with two at the start of school but recommend you purchase your own. Princeton Review Premium Prep 2021.

I hope you have a great summer. Please come well-rested, prepared and ready to start a great year together in AP Chem in August! ☺

Ms. Toscano