



May 16, 2017

Dear AP ChemISty Student,

This fall many exciting challenges and opportunities await you in AP Chemistry to study the handiwork of God. To ensure that you are well prepared for these challenges, a summer assignment is being given. This assignment is designed to help you review some of what you learned in honors chemistry and acquaint you with the comprehension and problem solving skills required for AP Chemistry.

As the title indicates, this is a college-level course. Its format follows that of a general chemistry class usually taken during the first college year. In addition, college credit may be obtained if a student scores a 3, 4, or 5 on the AP examination in May. The course emphasizes problem solving skills and laboratory technique. You will be required to express their ideas with clarity and logic. Many times this will involve a mathematical explanation.

Enclosed you will find instructions for the summer assignments. The due date for the completed assignments (book problems and Canvas quizzes) is **August 9, (the first day of school)**. No late submissions will be allowed. I suggest doing 5-7 problems and one quiz a week for the summer and not procrastinating. Please remember as you consider class workload and extra curricular activities for the approaching school year that this course is a **college-level course**, which means the amount of work assigned cannot be adjusted to accommodate social and athletic calendars. Every assignment or project assigned is done with the College Board AP Exam in mind. The College Board recommends that an AP Chemistry student spend no less than five hours a week in individual study outside of the classroom.

If you have any questions about the summer assignments, please email me at florencepierreloUIS@thefirstacademy.org before the end of June. You will receive a message saying I am away for the summer but I will respond. In preparation for the college-level manner in which AP Chemistry operates, you will need to contact the instructor if you have any questions. I strongly recommend doing the assignments early so you can review them before the term starts. I am looking forward to our year together and the growth that will take place in us by God's grace.

Blessings,

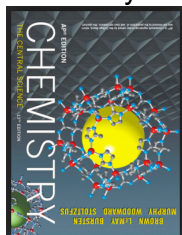
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AP ChemISty Summer Assignment 2017-2018 School Year

Textbook and Lab book (please purchase both before class starts. You will need the textbook for the summer assignments):

1. Chemistry the Central Science **13th** AP Edition by Pearson 978-0-13-357412-8



I recommend getting the physical book.

2. AP Chemistry Guided-Inquiry Experiments Student Lab Manual by College Board at store.collegeboard.org. The item number is 140085839.

The following materials are required for AP Chemistry:

- Graphing Calculator
- Chemistry carbonless copy lab notebook
- Notebook

Directions:

Chapter 1, 2 and 3 of Chemistry The Central Science 13th, AP Edition will be covered in the summer assignment. Those who have taken Honors Chemistry will find this assignment review. The concepts covered in chapters 1-3 are foundational to the study of Chemistry. You will need to master significant figures, dimensional analysis and stoichiometry before beginning AP Chemistry. There will be a **test** on Chapters **1 and 2** only on Thursday, August 17 (second week of school).

The Summer Assignments are on Canvas unless you were given a modified assignment for the summer. The module is called Summer Assignments and must be completed in the order they are presented. Each module has Educreation or YouTube videos to watch, problems from the book and small quizzes to complete. You must take notes on the videos in a notebook. The answers to the problem sets are found in the back of the book and should be checked before submission. Students are expected to rework the problems until the correct answer is obtained. **All work must be shown for the calculation of the correct answer.** All summer assignment problems are due on the first day of class. The quizzes must also be completed by the first day of class. You can do it!