

## A.P. Chemistry Summer Work 2019-2020

Welcome to Advanced Placement Chemistry. Remember this is a college course we are trying to experience on a high school campus. To prepare for the A.P. test given in May, we need to finish our topics by the end of the third quarter so we can review before the exam. If you have a lab notebook from your chemistry class, keep it, because we will need to review some of the experiments that you may have performed earlier. If you have your labs on notebook paper, placing them in a binder would be sufficient. Colleges like to see which kinds of labs you have done in an A.P. course.

It is strongly encouraged that prior to leaving this year, you pick up the A.P. Chemistry book from the library (*Chemistry by Zumdahl 7<sup>th</sup> edition*) and do the problems and take the notes listed below in the first three chapters in the text. Note which topics you have not learned in your previous chemistry course. Try to gather any information you can from your text or other notes and try to develop questions to ask as we cover these chapters in class. We will discuss these three chapters during the first week of school and will turn in the work the day of the test. I will be available by email before the start of school if you have any questions on the work or in general. My email is [mschiller@rusd.k12.ca.us](mailto:mschiller@rusd.k12.ca.us).

The homework is:

- **Read** and **Take** notes on Chapter 1. Starting on page 32, **do exercises**: 25, 28, 30, 34, 45, 51, 63, 69, 76, 83.
- **Read** and **Take** notes on Chapter 2. Starting on page 70, **do exercises**: 26, 27, 43, 49, 53, 57, 64, 67, 68, 75.
- **Read** and **Take** notes on Chapter 3. Starting on page 117, **do exercises**: 27, 39-49 odd, 61, 67, 73, 86, 92, 103.

Your notes should include any key terms, any examples that you want to include to help your understanding of a concept, any diagrams you feel are necessary, and any key concepts. In your problems, make sure to show any work that you needed to solve the problems and if you don't know how to solve the problem look in the chapter for examples that might help. Don't leave any problems blank, at least write down the pertinent information, it might give you a clue how to solve it.

See you in August,  
Matt Schiller  
Poly Science