

## AP CHEMISTRY SUMMER ASSIGNMENT

1. To access the summer assignment, go to my website. The address is:

<http://mrsduncanchemistry.weebly.com/>

At the top right of the page click on AP Chemistry. Scroll down to Summer Assignment and click on the Summer Assignment button. You will see PowerPoints that will help you with the material that you need to review from your first year chemistry course. There are worksheets for you to print off to use for practice. The answer keys have been provided. There are also several practice tests with the answers provided. **YOU WILL HAVE A TEST ON THIS REVIEW MATERIAL THE SECOND DAY OF CLASS!** The topics that you need to review are: significant figures, metric prefixes, dimensional analysis conversions, density, accuracy and precision, balancing equations, writing equations, moles, % composition, empirical and molecular formulas, molarity and stoichiometry.

These are basic concepts that you should be familiar with and we do not have time to cover these in class. The material that you will learn in this class is much harder than this assignment. The test you take on the review material will be the easiest test of the semester.

2. You do not need to start this early in the summer. Just be prepared for the test on the second day of class.
3. There will also be a list of polyatomic ions that you are required to know for this class. You do NOT have to have these memorized by the second day of class. You will need to know these by day six. It will help you to get a start on memorizing these ions over the summer.
4. AP Chemistry is a fast paced and challenging class. To be successful, you must be willing to work! You will have homework every night. Do not fall behind! You will be required to write formal lab reports with data analysis. We have a lot of material to cover in a short amount of time, so be prepared to work hard.
5. The materials that you need for this class are a scientific calculator and a three ring binder to keep all your notes and handouts organized.
6. If you need to contact me, my email address is [ssduncan@wcpss.net](mailto:ssduncan@wcpss.net)

HAVE A GREAT SUMMER AND I LOOK FORWARD TO A GREAT SEMESTER!

SUSAN DUNCAN