

13 Linden Avenue
Ossining, NY 10562

July 3, 2010

Dear [Insert Your Name Here],

Greetings! Welcome to AP Chemistry! This will be my first year teaching the course and I am excited by the challenge. The AP Chemistry is considered by many to be the most difficult and challenging AP courses offered by the College Board. I expect to work very hard next year and will devote a lot of time and energy to help you succeed in the course. I expect you to do the same.

Your summer assignment is comprised of three parts. **First, you must send me an email** to notify me that you have received the summer assignment and that you intend to take the AP Chemistry course. **My email address is jchoi@tufsd.org.** **Next, you will complete the enclosed summer assignment sheets (#1 – 6) and mail it to my house by August 31st.** The assignment includes problems I expect you to be able to solve from taking Honors or Regents Chemistry. We will build upon and expand on the topics you have studied in chemistry; and so, it is imperative that you have a good working knowledge of the basic skills and concepts you have learned already. **Please type or nearly write the answers on a separate sheet of paper – there is no need to rewrite the problems as long as they are labeled correctly.** I will post the assignments online on our district website. Please hold on to the assignment sheets - we will have a test on the topics covered in the assignment sheets at the end of our first week of class.

Next, you will research and make a ten slide (minimum) PowerPoint presentation regarding the evolution of the atomic model and bring it on the first day of class. For the project, you will trace the evolution of the atomic model from John Dalton to the current model. Be sure to include the following items in your presentation: the discovery of the basic subatomic particles (electron, proton, neutron), the creation of the Periodic Table, the study of radioactivity, the discovery of isotopes, the determination of the mass and charge of subatomic particles, the arrangement of electrons in the atom, the significance of spectral lines, the forces that hold the atom together, and the forces that cause atoms to bond with other atoms.

I do not want a PowerPoint presentation with a lot of text simply cut and pasted from the Internet – I want you to research the topic and provide typed notes that will accompany your presentation of each slide. Make your slides visually appealing and simple to understand. Be sure to cite your sources using the APA format (examples can be found on the TUFSD website under Library Media Center tab. This assignment will be due the first Friday of class; please bring in the assignment on a CD or a flash drive.

Enjoy the remainder of your summer vacation. Please email me that you have received the summer assignment. If you have any questions or problems, please do not hesitate to contact me. I look forward to a great year!

Sincerely,

Jason Choi