

Hello Dover AP Chemistry Students!

My name is Mrs. McCarron-Stewart (also known as McStew) and I am looking forward to having you as a part of next year's AP Chemistry class. Advanced Placement Chemistry is a challenging college level course and will require a significant amount of effort on your part. I will be there to offer guidance and help along the way but I cannot do all of the learning for you. My ultimate goal is to help you succeed and will be available if you have questions. Remember, I cannot read your mind so if you have a question you have to ask!

This course is a mixture of first and second year chemistry students and there is more materials to cover than we can accomplish within the confines of the school year. Because of this there is a summer assignment. We have purchased licenses to Flinn Prep, an online AP Chem preparatory resource that will help you get started this summer. I will communicate how to access this resource through our Google Classroom (code: jx4cgb) so make sure that you join and check often. We will also use this classroom page to communicate over the summer. I will also post the course syllabus on our classroom once the new year edits are complete. Please find the details of your assignment below and let me know if I can help!

Sincerely,

Mrs. McStew

Emails: s.mccarron-stewart@dover.k12.nh.us
s.mccarron-stewart@sau11.org

AP Chemistry Summer Assignment 2018/2019

Part 1: Flinn Prep: You will complete the first six units of material in the Flinn Prep course this summer. The topics covered in this material are :

1. Nomenclature (Due July 31st)
2. Atomic Structure and the Periodic Table (Due July 31st)
3. Chemical Reactions (Due August 17th)
4. Bonding Basics (Due August 17th)
5. Structure and Properties (Due August 29th)
6. Stoichiometry (Due August 29th)

You should complete the quick quizzes and practice problems in each unit as well as take the end of unit assessments. The assessments can be taken more than once and I will be able to see how you are doing on the material. If you will not have access to the internet for a significant portion of the summer please talk to me about adjusted deadlines. The estimated time given by the software is about an hour per unit but it may take you much longer if you do not immediately grasp the material.

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Part 2: Memorization of the Polyatomic Ions: There is not too much that you have to memorize but the things you do need to are very important. I have attached a list of ions and charges that you must have memorized for the first day of school. There will be a quiz on day 1. I suggest making flashcards and keeping them with you all summer. You will be asked to: write the names of these ions when given the formula and charge and write the formula and charge when given the names.