

AP Chemistry Summer Assignment 2019

Welcome to AP Chemistry! You will need to know the concepts from chapters 1–3 from the textbook. We use Chemistry: A Molecular Approach by Nivaldo Tro. Chapters 1-3 are primarily a review of selected topics from CP Chemistry and are essential background knowledge to advanced topics that will be covered in AP chemistry. Very little time will be spent in class reviewing this material, so it is your responsibility to ensure that you have mastered these introductory topics.

TASK 1 - Read Chapters 1-3 in the textbook and outline the chapters in your notes. Practice active reading. Reread if necessary. Take note of key equations, figures, tables and vocabulary. Copying important example problems may be a helpful technique.

TASK 2 - Complete the self-assessment exercises at the end of each chapter (Ch. 1 pages 33-34; Ch. 2 pages 74-75; Ch. 3 page 127). Attempt each problem honestly. Record your *initial* answers in your notes. The correct answers are provided, but this is a tool that will help you understand whether you have understood the main concepts or not. Remember, your goal is to master this material. Do not cheat yourself of this learning opportunity.

TASK 3 - Use the website [sciencegeek.net](http://www.sciencegeek.net), and find and complete 2-3 stoichiometry review tutorials, total. Access the website and then follow the tabs: Chemistry> Old Reviews> Unit 4

My suggestion is to start with this stoichiometry tutorial:

<http://www.sciencegeek.net/Chemistry/taters/Unit4Stoichiometry.htm>

Then, pick 1-2 additional tutorials and complete these to review basic stoichiometry calculations.

All 3 tasks are to be completed by the first day of school, Thursday, August 15th. Notes outlines and self-assessment answers will be due on Thursday, August 15th.