

AP Chemistry Summer Work 2020

Chapter 1 of the AP Chemistry textbook is an overview of general scientific method ideas, measurement methods, unit conversions, and significant figures. For most of you this is review of scientific tools you have already learned. In order to ensure that we are all sufficiently ready to use these tools as we jump into the course, I am asking each of you to complete the following work before the first day of class:

Read Chapter 1 (pages 1-32).

Answer these questions (found on pages 33-40): #23, 27, 29, 31, 34, 35, 37, 39, 41c, 43b, 47, 55, 57, 59, 61, 63, 65, 69, 71, 73, 77, 79, 83-85, 87, 99, 101, 109, 111, and 115.

Note that many of the questions (the ones with blue numbers) have answers in the back of the book. You should use that feedback source as a quick way to see whether you understand the concepts. You are free to work together, to contact me, or to get help from anyone. The point is for you to be sure you understand the material well enough to be ready for a Chapter 1 quiz, based on this homework, during the first few days of class. Please bring your completed answers to this work with you to class each day, and be ready to ask specific questions if there is anything you think you still need help on.

If you get bored, feel free to look ahead in the book. See what you think you already know, what looks new but easy, and what looks new and difficult. My goal is for us to find that we can handle such challenges with confidence and have fun doing it.

Thank you and have a great summer.

Dale Autry

Science Department

Prince Avenue Christian School