

AP CHEMISTRY

Mr. Martinez

2019-2020 Summer Assignment

Textbook: Zumdahl, Steven S., and Susan A. Zumdahl. *Chemistry*. 7th ed.

1. Read Appendix 1 (pages. A1 – A13). ***This class will use a LOT of math, particularly ratios, proportions, and conversions!!***
2. Read Chapter 1: Chemical Foundations
 - a. Answer questions #21, 25 – 35 Odd, 39, 45 – 53 Odd, 61, 65 – 73 Odd, 77, 79, and 83 on pages 31-35.
3. Read Chapter 2: Atom, Molecules, and Ions
 - a. Answer questions #16 – 18 All, 21 – 24 All, 33, 49, 50, 53, 64, 68, 71, and 81 on pages 70-73.
4. Read Chapter 3: Stoichiometry
 - a. Answer questions #27, 29, 33, 37, 39 – 45 Odd, 55 – 61 All, 69 – 75 Odd, 85, 89 – 105 Odd on pages 117-122.

Copy each question and answer it. You may type the questions if you'd like, but **the work/answers should be hand-written**. You do not need to write out the giant word problems; just make sure to write out the necessary information/question. Most of these questions should be review; however, if any give you trouble, please feel free to email me at Mario.r.martinez@lausd.net. Your summer assignment should be **turned in by Friday, August 9th to the attendance office**. A box will be left in there for you to hand in your summer assignment (his name is Bruce). We will review the concepts **BRIEFLY** when the school year begins. ***YOU WILL HAVE A TEST ON THE MATERIAL IN THIS ASSIGNMENT WHEN YOU RETURN!***

ENJOY YOUR SUMMER BREAK AND COME BACK READY TO LEARN!!