

AP Chemistry Summer Assignment - 2020

The AP chemistry summer assignment is designed to refresh your memory of concepts learned in honors chemistry. Since you may not have seen this material in a year or more, it is vitally important that you take this summer assignment seriously. In class we will focus more on the material that is new in order to better prepare you for success on the AP exam in May.

Due Date is the First Day of School – No exceptions! And no excuses will be accepted as to why it can't be handed in on time as you are given more than enough time to complete the assignment. (Textbook: Chemistry - The Central Science - 10th edition) We might have an in class or zoom session during the summer to help with atom and stoichiometry calculations. If you have any questions or concerns contact me by using adiaz@tusd.net

Complete the following problems on binder paper. Be sure to include name, chapter, problem numbers, and show work.

MATTER AND DENSITY

PG 31 – 35 1.1 A-D, 1.2 A, 1.10 A-D, 1.20 A-D, 1.27 A-C, 1.28 A-C, 1.30 A-B

BASIC ATOMS

PG 70 – 74 2.3 A-D, 2.23, 2.25A-B

ATOM AND MOLE CALCULATIONS

PG 110 – 113 3.22 A-D, 3.23A-C, 3.24A-B, 3.27A, 3.33A-C, 3.34 A-C, 3.35A/C, 3.36C

MASS PERCENT AND MOLE FRACTION

PG 567 13.33A, 13.34A, 13.35A, 13.36A

EMPIRICAL FORMULA AND STOICHIOMETRY

PG 113 – 116 3.43 C, 3.44A, 3.57 A-C, 3.59 A-C, 3.63A-C, 3.64A-C