



**The Catholic High School of Baltimore  
Summer Assignment**

**Teacher's Name: Mr. Trzcinski**

**School Year: 2019-2020      Grade Level: 11 and 12**

**Course No.: 330                  Course Name: AP Chemistry**

**Academic Level: AP**

**Textbook:**

Zumdahl, Steven and Susan Zumdahl, Chemistry, 9th Edition. Stamford, CT, Cengage Learning, 2014.

**Assignment:**

**Chapter 1:** Chemical Foundations

**Read:** Pages 1-31

**Problems:** 16, 18, 19, 21, 23, 24, 29, 31, 33, 34, 37, 39, 47, 55, 59, 67, 69, 75, 79, and 81.

**Chapter 2:** Atoms, Molecules, and Ions

**Read:** Pages 43-70

**Problems:** 17, 19, 23, 25, 29, 31, 33, 35, 39, 45, 53, 65, 69, 71, 73, 75, 77, 89, 91, and 95.

**Chapter 3:** Stoichiometry

**Read:** Pages 82-123

**Problems:** 25, 27, 29, 31, 33, 37, 39, 43, 44, 47, 63, 69, 73, 75, 81, 83, 97, 99, 105, and 119.

**Chapter 4:** Types of Chemical Reactions and Solution Stoichiometry

**Read:** Pages 139-177

**Problems:** 17, 19, 21, 23, 25, 29, 35, 39, 43, 45, 51, 53, 61, 65, 69, 73, 77, 79, 81, and 83.