**Honors Chemistry – Ms Wilder **

 **Summer Assignment – 2019**

Welcome to Cardinal Spellman’s Honors Chemistry class! I am looking forward to

helping you gain a deep appreciation for the science of chemistry and how it impacts

our lives. I hope you are looking forward to an exciting and challenging year.

I am sure you will learn a great deal next year and you will be challenged. I also

hope you will enjoy learning about the concepts that make our world turn. We are

fortunate to have an i-book for this course and we will use it frequently. In order

to prepare you for a full course in honors chemistry, you are required to complete

the assignments listed below over the summer. You will be using ibook: Chemistry-

Matter and Change published by McGraw Hill. Your first assessment will be on this

material. These assignments are due the first day of class. Please ***show all*** your

work, number each question and identify the pages in each chapter on each

assignment. Neatness counts! We will spend a class on these topics before you are

tested on the material in Chapters 1 and 2

**Assignments- Chapters 1 and 2 –Required Work**

To email me, scan and make it a doc then attach to the email

**Chapter 1- Complete by July 31 and email to me**

**A)** Assignment 1 – Read pp 3-27

Pg 45, Questions 25-30

**B)** Assignment 2 – Read pp 28-37

Pg 46 Questions 37-44

 Pg. 49 Q 55,56

**C)** Study vocab words: chemistry, substance, mass, weight, scientific method,

hypothesis, independent and dependent variable, conclusion, theory, scientific law

(your ibook has the ability to create flash cards for your vocab words. Use this

Resource to study your vocab)

**Chapter 2 – Complete by** **August 21 and email it to me**

**A)** Assignment 1 – Read pp 55-69 . On Pg 118 complete Questions 62, 66-68

**B)** Assignment2 – Read pp 73-78. On Pg 119 complete Q 71-80

**C)**Study vocab words: base unit, second, meter, kilogram, kelvin, derived unit, liter,

density, scientific notation, accuracy, precision, error, percent error, significant

figure, dimensional analysis, conversion factor, graph

I will check my email over the summer from time to time. If you have a question

about the assignment, please email me at kwilder@spellman.com

Have a great summer!