

Plainview-Old Bethpage John F. Kennedy High School

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To: 2024-2025 AP Chemistry Students
From: Mr. Formisano
Date: June 2024
Subject: AP Chemistry Summer Assignment

It is my pleasure to welcome you to AP Chemistry for the 2024-2025 school year. I am confident that you will find this course to be rewarding and challenging.

To review material previously covered in a first-year Chemistry course, all students must complete a summer assignment. This assignment will also be used as a diagnostic tool to identify material that must be reinforced in class.

This assignment is due in class on Monday, September 16, 2024. It will be collected and will count as a homework assignment. Please make sure to show all work when answering questions to receive full credit.

Assignment #1: Read pages 3-31 and answer assigned questions.

Assignment #2: Read pages 39-68 and answer assigned questions.

I am looking forward to meeting all of you in September. Have a great summer!

AP CHEMISTRY

CHAPTER 1

INTRO: MATTER & MEASUREMENT

HOMEWORK

Read Text Chapter 1

Pages 3-31

	Section	Questions
Classification and Properties of Matter	1.2 – 1.3	1.12, 1.18, 1.21
Units and Measurement	1.4	1.25, 1.27
Uncertainty in Measurement	1.5	1.36, 1.37, 1.40
Dimensional Analysis	1.6	1.48, 1.51, 1.55

AP CHEMISTRY

CHAPTER 2

ATOMS, MOLECULES, AND IONS

HOMEWORK

Read Text Chapter 2

Pages 39-68

	Section	Questions
Classification and Properties of Matter	2.1 – 2.2	2.15
Modern View of Atomic Structure	2.3 – 2.4	2.23, 2.26, 2.35
The Periodic Table; Molecules & Ions	2.5 – 2.7	2.39, 2.50, 2.56, 2.66, 2.68, 2.70, 2.72