

**AP Chemistry  
Syllabus  
Week of September 23, 2024**

Fanatics

A fanatic is one who can't change his mind and won't change the subject.

Sir Winston Churchill (1874-1965), British statesman, writer. Quoted in: New York Times (5 July 1954).

**Schedule:**

<i>Day</i>	<i>Date</i>	<i>Topic</i>	<i>Reading</i>
Monday	9/23	KMT	
Tuesday	9/24	Gas Stoichiometry	
Wednesday	9/25	Gas Density	
Thursday	9/26	Molar Volume Lab	
Friday	9/27	Real Gases	

**Problem Sets:**

Page 216 #1, 2, 17, 18, 19, 23, 25, 31, 33, 35, 37, 39, 53, 54,

Page 216 # 61, 67, 69, 75, 76, 81, 90, 91, 95, 98, 110, 112, 114

Page AP226 1-8 and the Applying the Science Practices Questions.

**Announcements:**

The lab report for the Molar Mass of a Gas lab is due on Monday. Please pay careful attention to the comments made about the hydrate lab so you don't make the same mistakes again.

There are a lot of problems for this chapter so you need to start early.

**Next Week:****Schedule:**

<i>Day</i>	<i>Date</i>	<i>Topic</i>	<i>Reading</i>
Monday	9/30	Thermochemistry	
Tuesday	10/1	First Law of Thermo	
Wednesday	10/2	Phase Changes	
Thursday	10/3	No School	
Friday	10/4	Review	

**Problem Sets:**

Due this Friday:

Page 216 #1, 2, 17, 18, 19, 23, 25, 31, 33, 35, 37, 39, 53, 54,

Page 216 # 61, 67, 69, 75, 76, 81, 90, 91, 95, 98, 110, 112, 114

Page AP226 1-8 and the Applying the Science Practices Questions.

For Thermo which is due much later

Page 262 # 1-4, 11, 12, 14, 21, 23, 25, 29-31, 39-41, 45, 47, 48, 53, 61-64, 89

Plus a handout called "Calorimetry" and one called "Bond Energy".