

AP Chemistry
Syllabus
Week of January 7, 2019

Welcome back my friends,
To the show that never ends,
We're so glad you could attend,
Come inside, come inside

Greg Lake
Karn Evil Number 9
Emerson, Lake and Palmer
From the album Brain Salad Surgery

Schedule:

<i>Day</i>	<i>Date</i>	<i>Topic</i>	<i>Reading</i>
Monday	1/7	Solutions	
Tuesday	1/8	Solution Concentration	
Wednesday	1/9	Solution Formation	
Thursday	1/10	Vapor Pressure	
Friday	1/11	Colligative Properties	

Problem Sets:

The following are due next week:

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Announcements:

As of right now everyone has an A in the class. The winter break homework will be a big part of your grade so make sure it is turned in on time and is correct. I will not accept late winter break homework.

This week's lab represents an interesting dilemma. The chemicals that give us the best results for the lab had a pretty high risk factor for long-term exposure. The chemicals that are relatively safe for use give pretty lousy results. So what I am going to do is provide you with a set of really good data points for the lab, You can create your lab report based on the data provided and enter it into your lab book with a note that the data was instructor provided. It will be due next week just like any other lab. The graphs and data

tables can be printed on a computer and pasted into your lab book and only the graphs (not the data tables) will need to be included in the formal lab report.

The date for the ACS Chemistry Olympiad is March 21, 2019. The cost for this year is \$6. The test is required for all AP Chemistry students and is optional for all chemistry and honors students. This is a wonderful indicator of how you will do on the AP exam. The test is 60 questions and will count as a test score. You will receive your score times two out of 120 points. **If you score above 40 I will give you your raw score as extra credit.** If you increase the average over last year's kids I will give everyone in the class ten points of extra credit. Every benchmark you do better on will result in ten points of extra credit. This is your motivation for everyone to do the best they can.

Next Week:

Schedule:

<i>Day</i>	<i>Date</i>	<i>Topic</i>	<i>Reading</i>
Monday	1/14	Colligative Properties	
Tuesday	1/15	Finish Colligative Properties	
Wednesday	1/16	Reaction Rates	
Thursday	1/17	Integrated Rate Law	
Friday	1/18	Discussion Section	

Problem Sets:

The following are due on Friday 1/18:

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