

## AP Chemistry Summer Assignment 2017

Welcome to AP Chemistry! I am excited about the upcoming year and look forward to meeting you all. Our summer assignment will be done using a computer-based homework system called webassign. If you haven't used webassign before, I think you will like it but it may take a little getting used to. To access your summer assignments, you will need to create an account following the instructions on page two of this document. There is a one-time cost (\$10.50) that will purchase your access for the entire year. Payment for your webassign account should be made directly to Webassign – just follow the prompts in the sign up process.

If you have any problems, email me at [Dianne t\\_akin@gwinnett.k12.ga.us](mailto:Dianne_t_akin@gwinnett.k12.ga.us). I will be checking in periodically all summer. I have also posted a resource file for you that contains some helpful resources. It is available on the MVHS eClass homepage as well as the MVHS website.

The summer assignment is posted for you in three sections. All are due **no later than Thursday Aug 10 at 10:00 pm**, but each one has bonus points available for early completion. The summer assignment will count as your first test grade and a quiz over the summer assignment will be given in class on Friday Aug 11.

**Summer Assignment 2017-18 Part I** covers the use of data, and focuses heavily on proper use of significant figures. Your Resources file contains a **Sig Figs Summary Resource Page** to remind you of the important details regarding significant figures. It also has two video links that you may find helpful. **Submissions received before July 2 receive a 10% bonus.**

**Summer Assignment 2017-18 Part II** covers writing and naming formulas, writing balanced equations and ionic equations that represent reactions involving ionic compounds in solution (electrolytes). You may find the **Naming Flowchart** in the resource file useful as well as the **Solubility Rules Application Sheet**. **Submissions received before July 16 receive a 10% bonus.**

**Summer Assignment 2017-18 Part III** covers empirical and molecular formulas and using stoichiometry to determine quantities in a reaction. You will review the concepts of limiting and excess reactants and work problems using mole ratios from balanced equations. The **Stoichiometry Cheat Sheet** posted in the resource file should be helpful. **Submissions received before July 30 receive a 10% bonus.**

WANT TO KEEP IN TOUCH OVER THE SUMMER? SIGN UP FOR REMIND AND RECEIVE REMINDERS AND TEXTS FROM DR. AKIN.

TEXT: @774f3c

TO: 81010

To create a webassign account **for the first time**:

1. Go to [www.webassign.net](http://www.webassign.net) any time after May 15, 2017
2. Click on "I have a class key"
3. Use the following class keys to access your class (AP Chemistry 2017-18):

mountainview.ga

2540

6015

To access your webassign account:

1. Go to [www.webassign.net](http://www.webassign.net)
2. Enter your username (created above)  
Enter your location (mountainview.ga)  
Enter your password (created above)
3. Click on the assignments and begin working!
4. Saving your work will save it for the next time, but does not grade the work or submit it. Use the submit button when you complete a question to see if it is correct. A green check indicates that your answer is correct. A red X indicates that it is wrong, but you may correct it. You get 5 attempts for each answer. Any scored answer is automatically reported to me and corrections are automatically updated until all five tries have been used.