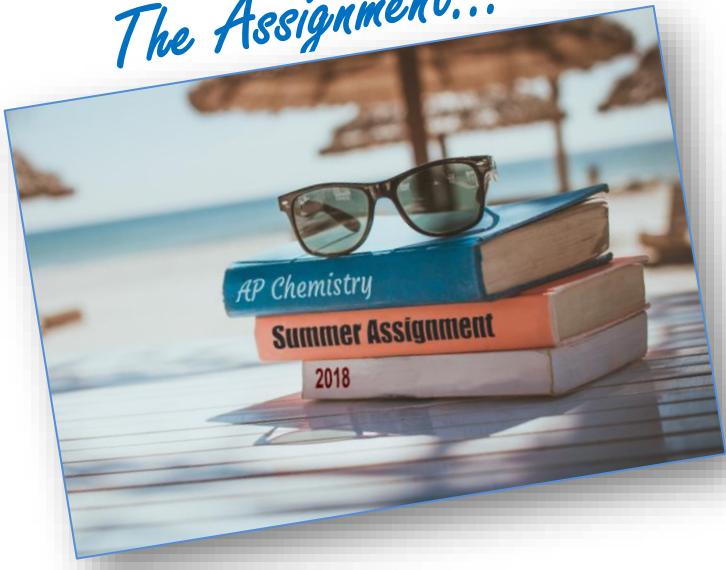


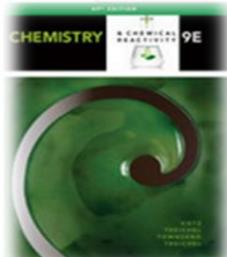
The Assignment...



have administrative access to your passwords, if you lose this you will need to contact tech support to secure/buy another access code. (Your course fees cover *one* code.)

3. After registering for your course, you will need to “pay” for access. No \$ is necessary. **The course key to register if needed is: E-26E6G6XG8AFYG**

You will see this book:



and assignments for the summer.

Complete the assignment **Intro to OWL** as soon as possible to ensure your browser and settings work properly. ([Allow cookies to be set from this site.](#))

Continue in the order listed. For each chapter/section, you are only responsible for the objectives listed. Click each objective to open read the material, review the activities, and answer the questions. You may login and out and redo the questions multiple times.

When you are ready, take the Progress Check (there are 3). Points for these are listed in OWL.

1. Before June 7, join the new AP Chemistry 2018-19 class in OWL2. Use the code and directions below. Access to this assignment is available **JUNE 1, 2018, and is due by **8:00 a.m. AUGUST 18, 2018**.**

HOW TO SET UP & ACCESS YOUR OWL ASSIGNMENTS

1. Connect [REDACTED] to links on supplemental page.
2. Follow the prompts to register your OWLv2 course. Make sure you use your **school email** and **Gradebook ID** as your student number. **WRITE YOUR PASSWORD DOWN**. Because I do not

A screenshot of the OWL2 platform's assignment list. The interface includes a header with 'OWL' and navigation links for Home, Courses, Users, and Assignments. Below is a table with columns for #, Name, and Actions. Eight assignments are listed, each with an edit link.

#	Name	Actions
1	Intro to working with OWL	Edit
2	Chapter 1 - Basic Concepts of ..	Edit
3	Chap 1 Progress Check	Edit
4	Chapter 2 - Atoms, Molecules, ..	Edit
5	Chapter 3 - Chemical Reactions	Edit
6	chap 3 selections progress che..	Edit
7	Chapter 4 - Stoichiometry: Qua..	Edit
8	chap 4 selections Progress Che..	Edit

A screenshot of the OWL2 platform showing a detailed view of an assignment. The top bar includes 'Save and Exit', 'Study', 'Quiz', and 'View Progress'. The main area is titled 'Chapter 1 - Basic Concepts of Chemistry'. It shows 'Objectives' (with one completed) and 'Activities' (including an eBook, visualization, and a question). A large red arrow points from the text above to this section. Below is a 'Progress Check' section for 'Chapter 1 - Basic Concepts of Chemistry' with one question completed. At the bottom is a 'Study Materials' section listing various resources.

2. Complete all OWL2 assignments

General Objectives:

- Basic periodic table navigation (protons, neutrons, electrons, molar masses, groups)
 - Writing, classifying, balancing chemical equations & predicting products
 - Naming compounds & writing formulas (for covalent and ionic compounds)
 - Mass-Mole-Particle dimensional analysis (including metric conversions)
 - Calculating percent mass, empirical, molecular & hydrate formulas
 - Stoichiometry (mass-mole, limiting reactant, excess reactant, percent/theoretical/actual yields)
 - Solutions (molarity, dilutions, neutralization reactions, stoichiometry, pH, pOH, $[H^+]$, $[OH^-]$, K_w)
- *Use the periodic table on your reference sheet; round all molar masses to 4 sig figs

3. Memorize the polyatomic ions on the reference sheet

I prepared an interactive flashcard set to download to your phone: <http://www.flashcardmachine.com/1395614/9j8y>

Download from google play:



Download from itunes:



The **test** over this material will be the first day of school. Two specific criteria needed to succeed on this test include (a) the memorization of some material, and (b) using the correct mathematical process to solve a problem while documenting your work formally.

Part I: (20 minutes) *no calculator*

Memorized items such as polyatomic ions, ions and charges, formulas, diatomics, strong & weak acids, stem acids, weak & strong bases, identifying reactions, balancing, predicting products, concepts and data evaluation that will require mathematical estimation to select from four options.

Part II: (30 minutes) *calculator*

Problem-solving calculations which require the application of all material in this assignment.