

AP SkyviewChem Summer Homework/Review

Welcome to AP Skyview Chemistry. This is a fast paced course that will prepare you for college level physical science courses and the May 1st, 2017 AP Chemistry Exam. To help your success a series of problems that **review** topics taught in PreAP from the text book are attached as well as a group of notes that are intended to help you review and be adequately prepared for our first exam during the 2nd- week of school. If you kept your year one chemistry notes it is highly recommended you look at them along with the given hand out on items to know for AP Chemistry. You may visit the library and check out the AP Text, *Tro*, to work on the given summer review.

When you come to class in the fall you will have:

1) A Review TEST:

- a. Solubility rules, the attached polyatomic ions, strong acids and bases.
- b. Be able to: write and name molecular, ionic, basic organic, acidic compounds, solve mole and stoichiometry problems, empirical and molecular formula problems, or any content found within the summer homework assignment.

2) One of two assignments will be DUE:

a. On-Line Homework....via Flinn Scientific

Costs \$19.95: Preferred homework system. I can sponsor 2-3 students if cost is an issue.

- i. Leave your e-mail with the teacher.
 1. Accept the invitation from the teacher.
 2. Sign-up and pay the fee.
- ii. I can track your progress
- iii. You must pass all modules.
- iv. You can preview the system at www.flinnsci.com/FlinnPrep

b. Free → Paper and Book Problems:

For each of the given problems it is strongly suggested that you work out the answers and then compare them to the given answers in the back of the book. Process, showing of work, and the ability to problem solve efficiently are the skills this assignment is intended to help you with beyond the actual review of content. The problems given are graded, and are given to you with the intention that you have a focused review that allows you to be successful in AP chemistry as soon as possible. Questions about the problems will be answered the first week of school.

Chapter One:	Tro Page 34, Self-Assessment Quiz . Problems Pgs. 37-40: # ODD Only 37 – 49, 55, 59, 61, 65, 69, 71, 73, 81, 87, 89, 95, 101.
Chapter Two:	Tro Page 75-76 Self-Assessment Quiz (no # 15). Problems Pgs. 79-82: # ODD Only 33, 35, 39-43, 51-61, 63-69, 81-87.
Chapter Three:	Tro Page 126-127 Self-Assessment Quiz . Problems Pgs. 130-134: # ODD Only 23-71, 99-105.
Chapter Four:	Problems Pgs. 186-189: # ODD Only 25-33, 37-45, 53-59, 71-77, 79, 85, 91-95.
Chapters Seven & Eight:	Problems Pgs. 330-331: # ODD Only 35-45, 57, 65, 69. Problems Pgs. 375-377: # ODD Only 41-53, 61-77, 81-83.
Chapters Nine to Eleven (bonding):	Problems Pgs. 419-421: # ODD Only 37-41, 49-59, 63, 73, 77. Problems Pgs. 474-475: # ODD Only 31-43, 47-51. Problems Pgs. 536 -538: # ODD Only 49-53, 57-59, 65, 71-73, 79-85.

- 3) **Things to Know for AP SkyviewChem:** The items on this list be tested on early in the school year and assumed you have memorized when applicable.