

## AP Chem

Welcome to AP Chem.

The textbook that you will be using is Chemistry by Zumdahl. It is a college-level textbook and may take some getting used to. The more you read it, the better your comfort level. Reading each chapter before we cover it in class is a strong recommendation.

This year we are moving to an digital text: Chemistry Zumdahl

Course registration for Cengage resources (online textbook)

Course Key E-26R68RSHDM9MS

Link:

<http://nglsync.cengage.com/rostering/registration/course/E-26R68RSHDM9MS>

The summer assignment is listed on the AP Chem digital course. Be sure and take the diagnostic test.

**Remind** Join the Remind group for AP Chem

To: 81010 Text: @triton-ap

Some background knowledge is required so memorization of the following is important. You will see this all year and it is assumed on the test that the following is known by the student:

**Solubility Rules, Polyatomic Ions, Strong Acids and bases.**

You should memorize these **solubility rules**:

1. Salts of ( $\text{NH}_4^+$ ) ammonium and Group 1 are always soluble.
2. Nitrates ( $\text{NO}_3^-$ ) are always soluble

**Strong Acids**: HBr, HCl, HI,  $\text{HNO}_3$ ,  $\text{H}_2\text{SO}_4$ ,  $\text{HClO}_3$  and  $\text{HClO}_4$ .

**Strong Bases**: Group I and II oxides and hydroxides.  $\text{Mg}(\text{OH})_2$  and MgO are exceptions.

To be successful in AP Chem you should be experts in stoichiometry, gas laws, and all kinds of unit conversions.

If you have any questions, you can reach me at any time at: [jfeighan@bhpsrd.org](mailto:jfeighan@bhpsrd.org).

Good Luck and I am here if you need me. Have a good summer.

Mr. Feighan