TEACHER: Ms. V. P. Gaither verlese.gaither@apsva.us

RATIONALE: Wakefield High School’s Chemistry course is designed to prepare students for the College Board AP Chemistry Exam. Students should complete the posted summer assignment prior to beginning the course to ensure they have the necessary prerequisite knowledge and foundation for AP Chemistry.

TIME: It is estimated that you will need to spend approximately two hours on this assignment.

ASSISTANCE: Some web sites that you may find useful are included at the bottom of this assignment.

THE ASSIGNMENT: Please read the notes entitled **Summer Assignment “The Basics”,** as you complete the assignment, which consist of multiple-choice questions after each notes section.Please show all working for calculations. When explaining or justifying a response, use brief, concise narrative. Please show work directly on the document.

***The assignment will be due on the Thursday of the first week back to school from summer break.***

THE ASSESSMENT: At the end of the first week of class you will have a test on the material. You will receive a brief review of the summer assignment.

### TEXTBOOK: [Tro, Chemistry: A Molecular Approach, 4th Edition | Pearson](https://www.pearson.com/us/higher-education/program/Tro-Chemistry-A-Molecular-Approach-Plus-Mastering-Chemistry-with-Pearson-e-Text-Access-Card-Package-4th-Edition/PGM1744118.html)

ANCILLARY RESOURCES:

<https://www.khanacademy.org/science/chemistry>

<http://www.brightstorm.com/science/chemistry/>

<http://chemmybear.com/stdycrds.html>

<http://chemteam.info/ChemTeamIndex.html>

<http://chemtutor.com/>

<http://chem.tamu.edu/class/majors/tutorialnotefiles>

<http://bozemanscience.com/ap-chemistry/>

