

Advanced Placement Chemistry
Mrs. Blair
Room W262
Email: PaulaJB@LeeSchools.net
Website: <https://blackboard.leepschools.net>

Welcome to AP Chemistry! This course is designed to be equivalent to a first year college chemistry course. It is expected that students will take the advanced placement exam in chemistry in May. The following is a brief overview of the requirements and expectations for the course.

Textbooks

Chemistry: The Central Science (Brown, Lemay and Bursten)
Laboratory Experiments for Advanced Placement Chemistry (Vonderbrink)
Preparing for the Chemistry AP Exam (for use with Brown, Lemay and Bursten)

Supplies

3 ring notebook (2 inches)
20 dividers
Scientific calculator
AP Chemistry review book (*Princeton Review, Peterson's, Barrons etc.*)

Expectations

Notes will be assigned as homework. You are responsible for reviewing the notes on the assigned section before class. These will be downloaded in Google classroom. You will also be given a problem set based on the notes. These must be completed before class, and will be checked on a regular basis.

If you are absent, you have the number of days missed plus one to make up your work. Absences are strongly discouraged, because we cover a large amount of material each class period, and it's much easier to understand the material if you can work with others and ask questions.

If you miss a lab, you must get the data from someone in your group and use those results to answer all questions.

Short quizzes will be given regularly to evaluate student understanding.

Students will be given a review before each test in order to highlight weak areas of understanding. After each test, students will have one week to correct problems for half credit. ***Corrections for multiple choice problems must include an explanation.***

25% will be deducted each day for late labs.

Open-toed shoes and contact lenses may not be worn during labs. Be prepared!

Students must have a scientific calculator every day. A cell phone is not acceptable. **If you are found using a cell phone during a test or quiz, you will receive an automatic zero!!**

Grades

Tests	50%
Quizzes	15%
Labs	25%
Homework	10%

Topics to be Covered:*Quarter 1*

Stoichiometry

Gases

Matter and Change

Quarter 2

Aqueous Reactions

Electrochemistry

Equilibrium

Acid-Base Equilibria

Quarter 3

Titrations

Solubility Equilibria

Kinetics

Quarter 4

Thermodynamics

Atomic Structure

Periodic Trends

Bonding and Molecular Geometry

Intermolecular Forces