

AP Chemistry Parent Guide

The AP Chemistry course focuses on a model of instruction which promotes enduring, conceptual understandings and the content that supports them. This enables students to spend less time on factual recall and more time on inquiry-based learning of essential concepts and helps them develop the reasoning skills necessary to engage in the science practices used throughout their study of AP Chemistry. Students develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. The key concepts and related content that define the revised AP Chemistry course and exam are organized around a few underlying principles which encompass the core scientific principles, theories, and processes governing chemical systems.

1st 6 Weeks:

Atomic Structure and Spectroscopy
Compound Structure and Properties
Properties of Substances and Mixtures

4th 6 Weeks:

Equilibrium
Acids and Bases

2nd 6 Weeks:

Properties of Substances and Mixtures
Chemical Reactions
Kinetics

5th 6 Weeks:

Thermodynamics and Electrochemistry
AP Chemistry Review

3rd 6 Weeks:

Kinetics
Thermochemistry
Equilibrium

6th 6 Weeks:

AP Practice Review and Problems
AP Chemistry Exam

Questions? Please contact your course science teacher.