Canyon Crest Academy: Chemistry

Level of Difficulty	Estimated Homework	Prerequisites
☐ Moderate ☒ Difficult ☐ Very Difficult	60 minutes per day* *This is a general guideline for planning and scheduling purposes. A student's ability level may affect actual preparation time needed.	<u>Department</u> C or better in Biology AND Successful completion of Integrated Math 1

Course Description

This course focuses on fundamental chemical concepts and quantitative problem-solving skills in chemistry. Topics include: energy, thermochemistry, equilibrium, atomic theory, bonding, states of matter, chemical reactions, and stoichiometry. Many common and current problems of the modern world are related to chemistry and investigated in this course.

Students will explore these topics through discussions, laboratory investigations, teacher demonstrations, and in-class assignments. This course is aligned with the California State Standards and Next Generation Science Standards in Chemistry.

Grading

The grading system is based on weighted percentages. Each assignment will have a point value and be weighed according to the category it falls under. Individual teachers may make slight modifications on the weighted percentages.

Category	Weight
Homework	15%
Laboratory	20%
Quiz	15%
Exam	30%
Final Exam	20%

Links

CCA Science Homepage
http://teachers.sduhsd.net/ccscience
Next Generation Science Standards http://www.nextgenscience.org/

Supplemental Information

10 credits
Meets UC/CSU subject area "d" requirement
Fulfills graduation requirement in physical science