



La Costa Canyon High School

Science

Earth and Space

Level of Difficulty	Estimated Homework Time	Prerequisites
X Moderate <input type="checkbox"/> Difficult <input type="checkbox"/> Very Difficult	30 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>District</u> No previous course work required <u>Department</u> No previous course work required. Please see student background expectations

Course Description

This course introduces and brings together geology, oceanography, meteorology, and astronomy. The course will focus on the study of our solar system, the solid earth (rocks, minerals, plate tectonics, mountain-building, and earthquakes), oceans, shorelines, the atmosphere, and life – past and present. This course fulfills the physical science requirement for high school graduation. Students will explore these topics through discussions, laboratory investigations, teacher demonstrations, and in-class assignments. This course is aligned with the California State Standards in Earth Science.

Student Background

A student entering Earth and Space should be able to:

- 7th grade Science Investigation and Experimentation Standards:
 - Use a variety of print and electronic resources (including the internet) to collect information and evidence as a part of a research project.
 - Communicate the steps and results from an investigation in written report and oral presentations.
- 8th grade Science Investigation and Experimentation Standards:
- Plan and construct a scientific investigation to test a hypothesis.

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.

Additional Information for Students/Parents

- 10 credits
- Fulfills graduation requirement in physical science or counts toward elective credit
- Meets UC/CSU Subject area “g” requirement