



2022-2023 COURSE SYLLABUS

COURSE (Course #) Biology in the Earth System

Course description

The Biology-P curriculum is designed with the understanding that each student needs experience with biology and how it applies to life. This course focuses on the application of biology to future decision-making, revealing its relevancy throughout life. Students delve into classical biological principles, which form a foundation for developing creative new ways of analyzing current biological topics. The students will use a variety of approaches to solidify concepts being taught through the use of textbooks, videos, computer-based models and labs, and hands-on activities. The students will be engaged in cooperative learning in doing lab investigations and unit projects. Throughout the course the students are expected to develop critical thinking and problem-solving skills, confidence in designing lab experiments, writing lab reports, and oral presentations.

Teacher Name: Chou Vue

Teacher Email Address: chou-vue@scusd.edu

Teacher Website/Page: classroom.google.com

Google Classroom Code:

Textbook

The Living Earth, STEMscopedia

Required Materials:

Pen (blue and black), pencil, notebook, biology workbook

Grading Policy

- | | |
|---|-----|
| ● Class work/Assignments | 25% |
| ● Tests | 20% |
| ● Quizzes | 10% |
| ● Final | 15% |
| ● Lab Reports | 15% |
| ● ABC (Attitude, Behavior, and Citizenship) & Participation | 5% |
| ● Warm-Ups and Exit Tickets | 10% |

Total **100%**

90% - 100% = A

80% - 89% = B

70% - 79% = C

60% - 69% = D

0% - 59% = F



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Course Outline

Segment 1: Ecosystem Interactions and Energy

Segment 2: Earth's Atmosphere: Photosynthesis and Respiration

Segment 3: Evidence of Evolution

Segment 4: Inheritance of Traits

Segment 5: Structure, Function, and Growth

Segment 6: Ecosystem Stability and the Response to Climate Change

Course Objectives

Students who successfully complete Chemistry will be competent in the following areas:

- Explain the structure of matter.
- Explain how changes in matter are accompanied by changes in energy.
- Describe the relationship between temperature, pressure, volume, and the amount of gas.
- Predict products of simple reactions and balance chemical equations.
- Identify signs that indicate a chemical reaction has taken place.
- Apply the mole concept in stoichiometric calculations including those involving limiting reactants and percent yield.

Absences

It is your responsibility to get any missing assignments from the teacher. You will have as many days as you were absent to make up the missing assignments.

Late Work

Any late work will be turned in the in-box. Late work without an excuse will be given half credit. I will only take late work up to the week before the finals.

Tutoring Hours

After School: 3:30 PM - 4:30 PM Monday, Tuesday, Wednesday and Friday

Restroom Policy

- No restroom passes will be given the first 10 minutes of class, last 10 minutes of class, and during lecture. Only one boy and one girl can use the restroom at a time.
- Each student will be given three restroom passes per semester. Any unused passes will be rewarded as extra credit points



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Classroom Rules

- . Be Respectful to yourself, teacher, and others
- . Be Responsible for all your actions and be where you are supposed to be
- . Be ready to learn through your notebook

Classroom Expectations

- . Fighting, bullying, threatening, or verbal/physical abuse of another person will not be tolerated
- . No cell phone and electronic devices
- . Respect classroom equipment
- . Put forth your best effort at all times
- . Be prepared for class each day
- . Follow directions when given
- . No food or drinks, except water
- . Do not cheat, plagiarize, or copy work
- . Use polite and appropriate language
- . Remove Hats and Hoodies

Consequences

- . Verbal Warning
- . Change Seat
- . Lunch/ after School Detention
- . Parent Contact
- . Referral to Vice Principal

Students and Parents: Feel free to contact me via email if you have any questions. I will try to get back to you in a timely manner.

Student's Name (Please Print) _____

Student's signature _____

Parents' signature _____