



Contact

EMAIL:

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GOOGLE CLASS CODE: jdav4nl

Materials

Binder and Notebook
Pens or Pencils
iPad (provided)

Grades

- Classwork and Participation (25%)
- Labs and Projects (35%)
- Assessments (40%)

Units

01. Biology Basics
02. Cells
03. Energy Flow
04. Genetics
05. Heredity
06. Evolution
07. Ecology

"Biology is the study of complicated things that give the appearance of having been designed for a purpose." ~ Richard Dawkins

Overview

This course is designed to give you an overview of life on Earth. We will begin with the chemistry and molecules that make life possible. From there, we will observe cells and the processes they use to create energy. Next, we will study what cells do with the energy they have obtained. Finally, we zoom out to observe genetics, evolution, and ecology. These units will build on each other as we go from the microscopic to the macroscopic levels of life on Earth.

Responsibilities & Expectations

1. Respect yourself, the teacher, and classmates.
2. Be on time
3. No personal technology allowed during class. Phones will be collected at the beginning of class.
4. No food or drink except sealable water bottles
5. Your iPad must be charged and ready to use every day
6. Wear appropriate clothing for lab days
7. Check Google Classroom EVERY DAY
8. Google Classroom will have an option to turn in your work digitally, but all work will be accepted either digitally or on paper
9. **Late Work:** 10% will be deducted for every week that the assignment is late. You must submit a late slip.
10. **Revision Policy:** All work turned in ON TIME can be revised for full credit. This includes classwork, labs, and quizzes.
11. **Plagiarism:** Any cheating or copying from classmates or the internet will earn a 0. Students who allow others to copy will also receive a 0. Repeat offenses will result in academic discipline.
12. **Absent Work:** It is your responsibility to get missing work. You will have extra time to complete it, 1 day for each day absent.
13. **Lab Days:** You will be randomly assigned partners for labs. Refusal to work with your partners will result in a zero for the assignment with no opportunity to make it up.

Where Will I Use Biology?

Nutrition - the macromolecules your body needs as well as the agricultural practices behind your food. Health and Medicine - understanding functions of living things will help you better understand your own health. Politics - often scientific topics are voted on, understanding biology helps you be an informed voter.