

**Mrs. Panio's**

## **AP Biology Course Expectations and Rules**

Welcome to AP Biology. This is a college level course culminating in an AP Exam scheduled in May. Campbell's Biology in Focus will be utilized as our text. The AP Biology curriculum encompasses 4 'Big Ideas'.

**Big Idea 1:** Evolution - The process of evolution drives the diversity and unity of life

**Big Idea 2:** Cellular Processes (Energy and Communication) - Biological systems utilize free energy and molecular building blocks to grow.

**Big Idea 3:** Genetics and Information Transfer - living systems store, retrieve, transmit, and respond to information essential to life processes

**Big Idea 4:** Interactions - Biological systems interact and these systems and their interactions possess complex properties.

### **Manifest of Manners**

1. Come Prepared and Aware - Hello, take a seat before the bell rings and look at the front board; usually, there will be directions at the start of class!
2. Respect - Be considerate of yourself and others.
3. Phones Away, Earbuds Out - Phones must be away and out of your sight. Same goes for earbuds. You may only use your phone if you are told that you may.
4. Name on Work - If your name isn't on the work you hand in, I won't know it's yours.
5. Questions - If you have extra questions outside of class email me at [cpanio@cornwallschools.com](mailto:cpanio@cornwallschools.com)

### **Material Requirements:**

1. Textbook - Campbell's Biology in Focus
2. Notebook/Binder/Folder - sections for notes, homework, assessments.
3. Blue/black pens for labs, pencils, colored pencils
4. Internet access! We will be using several websites to support coursework.
5. Scientific or Graphing calculator

### **In-Class:**

Activities and assessments will be graded on a case by case basis. Activities will be graded based on completion and participation, whereas assessments will be graded on correctness and work where appropriate, and will cover previous work.

### **Labs:**

In order to have as authentic a lab experience as possible, you will record procedures and observations during labs. All labs will be done in pen. Calculations and Graphs are to be done in pencil. If you make a mistake, cross out (one line only, do not scribble out) the information and rewrite. Lab due-dates are announced and are typically due the following Friday after the last D-day lab class. Late Labs are subject to penalty.

### **Remote:**

Remote lessons will usually consist of either asynchronous lecture or activity, followed by a short assignment. Notes for the lesson and the completed short assignment **must be submitted by 11:59 PM that day in order to be marked as present for attendance that day**, and for the homework grade. Remember to write your name. Inappropriate content of any kind posted online will result in disciplinary action.

### **Grading:**

The Marking Period Grades will be a weighted average of the following:

- 50% - Assessments
- 25% - Classwork / Homework
- 25% - Labs

The Overall Average Grade will be calculated as follows:

- 84% - Marking Periods 1-4
- 6% - Midterm
- 10% - Final Exam (Replica style of AP, given prior to the AP Exam)

\*You will be notified of any changes as soon as possible. It is the expectation that students will address questions or concerns about their grade with the teacher directly. Grades will be available on schooltool at 5 and 10 weeks each quarter. Late homework will not be accepted.

### **Exams/Quizzes:**

Unit quizzes and exams will be given during and at the end of each unit respectively and will consist of multiple choice and/or free response. A Final Exam will be given in replica style of the AP Exam, which is a requirement for this course. The final exam will precede the AP Exam. A final project will be assigned after the AP Exam in May.

**It is the responsibility of the student to login to Google classroom every day.**  
Common platforms include but are not limited to:

Google Classroom  
AP Classroom

Always be prepared for class.  
Learn well.

Mrs. Panio  
[cpanio@cornwallschools.com](mailto:cpanio@cornwallschools.com)