

# AP Biology Syllabus

## Personal Philosophy

Science is a field that captivates me with its ever changing and challenging curriculum. It is my wish to possess the opportunity to touch student's lives with science and offer them an encouraging and supportive network. Students will be active learners that will think critically, take risks, work hard, and have confidence in themselves throughout this AP course. Interpersonal and intrapersonal learning are very important intelligences that will be incorporated into this active learning style. Hands-on activities and inquiry based learning is ideal in order for students to get involved and to be excited about science.

## Course Overview

The textbook for this course is the eighth edition of Neil A. Campbell and Jane B. Reece's *AP Edition Biology*. Students will also use the *AP Biology Lab Manual for Students*. Students will also use the Third Edition of *Practicing Biology: A Student Workbook* by Campbell and Reece Biology, Eighth Edition. Students will typically be assigned the Student Workbook Activities before a major concept is taught. This will enable students to have prior knowledge of the concept before the class lecture and labs. I have separated out the course into twelve units. Students will knowingly be able to separate out the eight major themes found in the official curricular requirements of AP Biology, when going through the twelve units of this course.

Class meets everyday for 50 to 55 minutes. Once a week we may have a lab that will need more time, therefore we will meet for a longer length of time, which will depend on the complicated schedule, at lunch or after school. This will make it possible to not only do all twelve of the AP Biology course labs, but to do others as well.

All students are required to do an independent research project outside of class time. I assign the project in September and it will be due at the beginning of March. Students will do most of the work independently and at home.

I will spend two to three weeks on each unit. In order to get through all the material, I have to stick to a strict schedule. Typically, the units are organized like this:

Day 1	Day 2	Day 3	Day 4	Day 5
Lecture/ Student Workbook Activity	Lecture	Lecture/ Student Workbook Activity	Lecture	Review
Day 6	Day 7	Day 8	Day 9	Day 10
AP Lab	AP Lab	AP Lab	Question/Review Writing and Response	Other Lab/ Review
Day 11	Day 12	Day 13	Day 14	Day 15
Lecture/ Student Workbook	Lecture/ Other Lab	Other Lab	Review	Unit Exam