



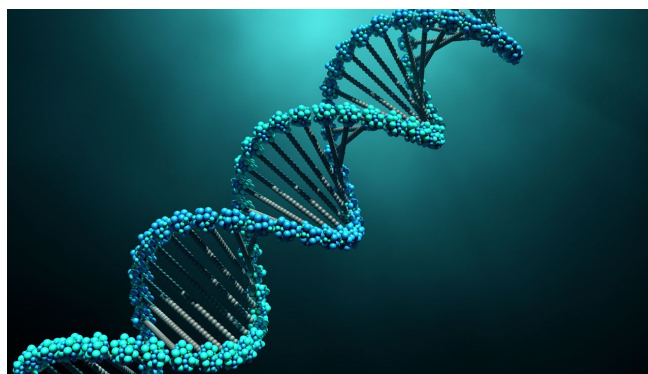
AP Biology Distance Learning Syllabus and Norms

Sara Fugina classroom: B-28 phone: 916-395-5090 x506128 sara-fugina@scusd.edu

Classroom expectations are set to create a nurturing environment where we may learn about life on our planet! This syllabus will be subject to change if and when we hopefully return to class in person.

In addition to your electronic device. Here is a list of other at home course materials (if you need help acquiring any of the following, please let me know):

- Liquid measuring cups or teaspoons
- Ruler or tape measure (metric preferred)
- Writing Utensil (pen or pencil)
- Calculator ([College board approved](#))



Distance Learning

- Google Classroom will be used to deliver AP Biology content and direct students to other digital tools. We will mainly use AP Classroom, Pearson My Lab and Mastering, Gizmos and MORE! All quizzes and exams will be accessed through the AP Classroom or Pearson My Lab and Mastering.
- The calendar below will outline ALL due dates for the course. Please do your best to turn your work in on time. If you cannot, please communicate with me PRIOR to the due date. All assignments for each unit are due on the last day of the unit which will have a scheduled quiz OR exam.
- As your instructor during this time of distance learning, I will do my best to provide you with the educational opportunities you will need to prepare yourself for the 2021 AP Biology Exam. That said, this is an AP level course and I am only one variable in the equation of your academic success. You will need to come prepared and ready to engage in all Zoom classes (synchronous instruction) and advocate for your educational needs.
- I am grateful for the opportunity to be your instructor. I am looking forward to working with each of you this school year and exploring the dynamic world in which we live.

Norms in ZOOM

- Sign in to our scheduled ZOOM class at least 5 minutes early so that you are in the Zoom WAITING ROOM and we can start instruction ON TIME. Make sure your zoom screen name is your OFFICIAL STUDENT NAME.
- All ZOOM students will be fully dressed. Seriously.
- All Zoom students will remain engaged and focused for the duration of the Zoom class. This can mean having their tablet/device focused on their full face in the camera frame, participating in the chat, raising your hand or using other reactions.
- All Zoom students will eliminate outside distractions (TV, games, cell phones, other people/pets, etc.) to the best of their ability.
- Extend RESPECT in all ways to Zoom participants, at ALL times.
- AUDIO is off/ muted until called on by your instructor.
- Make sure your Zoom background is school appropriate with enough light for visibility.
- Students displaying behaviors not appropriate to the norms above will be removed from the Zoom room and reported to school administration and parents.

AN INVITATION TO BRAVE SPACE

Together we will create *brave space*
 Because there is no such thing as a "safe space" —
 We exist in the real world
 We all carry scars and we have all caused wounds.
 In this space
 We seek to turn down the volume of the outside world,
 We amplify voices that fight to be heard elsewhere,
 We call each other to more truth and love
 We have the right to start somewhere and continue to grow.
 We have the responsibility to examine what we think we know.
 We will not be perfect.
 This space will not be perfect.
 It will not always be what we wish it to be
 But
 It will be our *brave space together*,
 and
 We will work on it side by side.
 by Micky ScottBey Jones



Course Description

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by science majors in their first year. Students are expected to learn not by memorization of facts, but through content and concept application via the AP Biology science practices. Inquiry laboratory experiences are a substantial component of this course requiring students to apply their content knowledge to novel scientific questions.

Grading Policy

(May be changed by district policy)

A	89.50 – 100%
B	79.50 – 88.49%
C	69.50 – 78.49%
D	59.50 – 68.49%
F	0 – 59.49%

1st Semester Grade Percentage Breakdown

You will notice that the majority of your grade will be made up of assessments. However, please note that my goal for you is to demonstrate that you have learned the standards that the AP Biology course requires. There will be ample opportunity for you to demonstrate this through reflections and additional support and test make ups. For more information on the content and science practices you will be assessed on, please [click here](#).

- Warm-Ups, Notes & Homework: 5%
- Laboratory Reports and Handouts: 25%
- Final Exam: 20%
- Quizzes: 25%
- Unit Exams/ Projects: 25%



AP Exam

The AP Biology Exam is scheduled for May 14, 2021 at 8:00 am. Due to the changing situations regarding distance learning and the pandemic, more information regarding the format and location of this exam will be announced soon. All students will be automatically registered for AP Exams. There will be no exam opt outs this year. There are no AP schedule changes after September 18.

I have read the syllabus and understand the classroom norms and expectations of me in this class. I have also shared this syllabus with my parents/ guardians.

Type Your Name Here:

AP Biology Fall 2020 *SUBJECT TO CHANGE*

Unit	Homework (Due on LAST / Quiz/ Exam day of unit unless otherwise noted) Synchronous = highlighted in blue Asynchronous = highlighted in green	Quiz/ Exam and Due Dates*
Metrics and Science	<ul style="list-style-type: none"> - Introduction to MasteringBiology - Chapter 1 Dynamic Study Module Completion - Statistics Group Lab Report - Experimental Design Group Work 	Quiz 1 September 11
Chemistry/ Biochemistry Review	<ul style="list-style-type: none"> - Chapters 2-3 Study Module Completion - Water Properties Lab - Macromolecule Card Sort 	Quiz 2 September 23
Cell Structure	<ul style="list-style-type: none"> - Chapter 4 Notes Study Module Completion - Cell Lab Identification 	Quiz 3 September 30
Cell Membranes, Osmosis, Diffusion	<ul style="list-style-type: none"> - Chapter 5 Study Module Completion - Potato Core/ Dialysis Lab Handouts - Water Potential FRQ Practice Problem - Transpiration Group Lab Report 	Unit Exam 1-4 October 14
Enzymes and Metabolism	<ul style="list-style-type: none"> - Chapter 6 Study Module Completion - Enzyme Group Lab Report - Enzyme FRQ Practice and Grading 	Quiz 5 October 23
Cellular Energetics and Respiration	<ul style="list-style-type: none"> - Chapter 7 Study Module Completion - Cell Respiration Group Lab Report 	Quiz 6 November 4
Photosynthesis	<ul style="list-style-type: none"> - Chapter 8 & 28 Study Module Completion - Photosynthesis/ Stomata Peel Group Lab Report 	Quiz 7 November 20
The Cell Cycle: Mitosis and Meiosis	<ul style="list-style-type: none"> - Chapter 9-10 Study Module Completion - Mitosis Group Lab Report Using Chi Square - Mitosis / Meiosis Stop Motion Video 	Unit Exam 5-8 December 4
Mendelian Genetics	<ul style="list-style-type: none"> - Chapter 11-12 Study Module Completion - Mendelian Genetics Problems - M&M and Genetic Corn Group Lab Report 	Quiz 9 December 11
DNA	<ul style="list-style-type: none"> - Chapter 13 Study Module Completion - DNA Extraction Lab 	Quiz 10 December 18
Protein Synthesis	<ul style="list-style-type: none"> - Chapter 14-15 Study Module Completion - Blast Lab - HIV Dentist Case Study - Protein Synthesis Problems 	Quiz 11 TBD - After Winter Break
Biotechnology	<ul style="list-style-type: none"> - Gel Electrophoresis Group Lab Report (due Jan)*will count towards 2nd semester* 	Fall Semester Final (Units 1-12) TBD After Winter Break

*At the end of each unit, you will fill out an on-going self-assessment document. This document will record your metacognition of the standards. See sample here.