

Ms. Shahid AP Biology Summer Assignment (2019-20 School Year)

Welcome to AP Biology! This is a highly intensive course that covers biological topics at the college level, and therefore requires much self-motivation on your end. Please be aware that for this course, everything must be done on-time and of your own accord; leaving work at the last minute will 100% stress you out. Despite all of the commitment, we will have a lot of fun exploring all of the topics that you've learned in the past in detail, as well as learning to design your own labs and getting a feel for what to expect if you pursue biology and other sciences in college.

Much of the summer work requires you to pace yourself, and is definitely manageable if you do so. It is pretty much entirely online, so you will need internet access, but it also allows you to do the work on your own time whether it's on your phone when you're bored or on your computer.

The tasks will relate largely to our first unit --- *Biochemistry or the Chemistry of Life*. Many of you came from a chemistry background and will just be refreshing your memory, but there will be some ties made to biology in this unit. This unit will be 8-11% of the AP Biology exam according to the CollegeBoard (one of the smaller units), so I would rather have you get this out of the way.

Task #1: Introduce yourself to me -- *I haven't had any of you before, so I would love a brief intro sent to tshahid@erhsnyc.net with the following answered:*

Subject Line: AP Biology 19-20

Body: Tell me if you have a nickname and some stuff about you!

1. Who was your last science teacher, and what class?
2. What other sciences have you taken and hoping to take soon?
3. Hobbies (sports, interests)
4. Any jobs or other extracurriculars you do outside of class time?
5. Your personal strengths when it comes to learning new material
6. What causes you to struggle in a new course?
7. Most effective way for you to prepare for tests?
8. Have you taken or plan on taking other APs?
9. Anything you liked or disliked in other science courses?
10. What are you looking forward to the most in AP Bio?
11. What are you most anxious about AP Bio?
12. Why are you taking this course, and what do you want to accomplish?

No right or wrong answers, be honest! This is just for me to understand you better. Due by July 1st.

Make sure you are signed up for the following (should have been done in our class meeting).

1. **Google Classroom** page -- code is u3tr7dc
2. On the Classroom page, you will find instructions to join the **Khan Academy** page for our course on the News Stream. You will have some assignments on Biochemistry on this page -- **due by Sept 3 (before first day of classes)**
3. On the Classroom page, you will see instructions to join Mastering Biology. Open the pdf and use the link to register. The course id and student code are as follows:
 - a. Course ID --> MBSHAHID2019
 - b. Student Code --> SSNAST-RADII-FLORY-SPRUE-TAROT-BODESThe Intro needs to be done before the last day of school (done during our meeting). This is an earlier assignment in order to get you ready to easily do the other assignments.

The HWs for Chapters 1, 2, and 3 are due 09/03/19.

Mastering Biology includes the e-textbook for the chapters for your reference, but I can give you a physical copy of the book as well.

Summary of items:

1. Mastering Bio Intro Assignment -- June 26th
2. Introduction email sent to me -- July 1st
3. All Khan Academy assignments and Ch 1, 2, 3 of Mastering Biology -- September 3rd
(DO NOT WAIT UNTIL THE LAST MOMENT. YOU WILL STRESS YOURSELF OUT!)

I will make future announcements on our classroom page. Feel free to email me about issues.