

# AP Biology Summer Assignment 2018-19

Welcome to the world of Advanced Placement Biology! The AP Biology Course is a year-long course that provides students with an opportunity to develop a conceptual framework for modern biology, emphasizing applications of biological knowledge and critical thinking to everyday life. This is a college level course, so it is expected that the students come to class prepared and motivated to work in a fast-paced environment in order to exhibit a thorough understanding of science and Biology.

The AP Biology curriculum has undergone some changes in the past few years and is now centered around the following 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, to reproduce, and to maintain dynamic homeostasis.

**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.

There has also been a renewed focus on scientific practice. This summer assignment is intended to review your graphing, math, and chemistry knowledge and to familiarize yourself with the Mastering Biology software, where the majority of your homework will occur.

To register for Mastering Biology, you will need the following codes:

**Your registration code is: SSNAST-THUNK-SYNCH-ISSUE-SLUSH-CANES**

**The 2017-2018 AP Biology Course Code is: MBSAYLOR27185**

Please go to the following site to **“Resister Now”** as a student:

<http://www.pearsonmylabandmastering.com/northamerica/masteringbiology/?scrllybrkr=4e9268fe#>

1. You will need to create a pearson account.
2. The codes listed above are case sensitive.
3. Follow the prompts to register – **(DO NOT FORGET YOUR LOGIN AND PASSWORD)**

You will see that assignments are posted on the DUE DATES on the calendar as well as a list on the left side of your screen. Please go to August 11<sup>th</sup> or click on the assignment listed in the list view on the left side of your screen. PLEASE DO **INTRO TO MASTERING BIOLOGY** FIRST. That assignment teaches you how to navigate throughout the site.

**You have 4 assignments to complete prior to August 10<sup>th</sup>:**

1. Introduction to Mastering Biology (This will teach you to navigate throughout the site)
2. Math Review
3. Chemistry Review
4. Introduction to Biology

**The summer assignment is due August 10th by 11:59pm** and will be your first homework grade.

If you have any questions regarding the summer assignment, please feel free to email me at [saylorj@fcpsk12.net](mailto:saylorj@fcpsk12.net)

I hope you have a wonderful summer and look forward to the upcoming school year!

Jill Saylor  
AP Biology Teacher

\*You can access this form online by using the google classroom code: **9nvwrq**

You will be given a different class code when school begins. Morning and 5B/6<sup>th</sup> Period classes will be in separate classes.