

Mrs. Swogger April 20th–April 24th

BIOLOGY I PLANS

I hope that you are all doing well and staying healthy! I also hope that you enjoyed the evolution and Darwin video from last week, I thought it was very interesting and informative, so I hope that it kept your interest. If you ever have any questions or concerns, please let me know and I will be happy to help in any way. I hope that receiving an entire week's worth of work is good for you, that way you can balance my work with the rest of the work from your other classes.

Monday April 20th – Friday April 24th:

- Please review the Chapter 15 PowerPoint that I asked you to download onto your computer. If you do not have it for whatever reason I will email you a copy of it.
- Please complete the guided questions, entitled, "PowerPoint Review Chapter 15". The answers will be found in the PowerPoint, and within embedded articles and videos. You may either print out the questions and complete them on the paper, or you may simply get a sheet of notebook paper and number it 1-50, and only provide the answers. If the question has multiple answers, please write them in the order that they would appear in that question.
- I have designed the lesson with the expectation that you will complete 10 questions/day, although you can complete it in any way that is convenient to you.

DUE DATES AND SUBMISSION OF WORK:

- Please complete the "PowerPoint Review Chapter 15" questions by Friday April 24th.
- Please submit pictures or scans of your answers to the "PowerPoint Review Chapter 15" in ONE email to me on or before April 24th. The subject line of your email should read "PowerPoint Review Chapter 15".

AP BIOLOGY PLANS

I hope that you are all doing well and staying healthy! I also hope that you enjoyed the evolution and Darwin video from last week, I thought it was very interesting and informative, so I hope that it kept your interest. If you ever have any questions or concerns, please let me know and I will be happy to help in any way. I hope that receiving an entire week's worth of work is good for you, that way you can balance my work with the rest of the work from your other classes.

Monday April 20th – Friday April 24th:

1. I do believe that Allison Kittay and Gayle Fiser's videos/tutorials that AP Central has posted on YouTube do a nice job of not only teaching the material, but also providing good practice with FRQ's. For that reason, I am going to ask that you complete two more this week. The first link I provided you is a 45:02-minute video on **7.3 Artificial Selection**. The second link is a 39:04-minute video on **7.4 Population Genetics**. Each video discusses the topics that we would be discussing in class, and so in place of listening to me talk, you will be listening to these two instructors giving the lesson. Again, at the end of each lesson, the instructor asks you to complete for homework a FRQ. She will answer the first FRQ at the beginning of the second lesson, but I am going to ask that you attempt to complete it on your own.

So, what you will do is watch the first video and write down the answer to the FRQ that she asks at the very end of the video on a sheet of notebook paper. Then watch the second video, and evaluate (but do not change) your response to the first FRQ. At the end of the second video, you will be asked to complete another question. Please complete that FRQ at the end of the second video on the same sheet of paper (**PLEASE ALSO DO THE GRAPH AFTER YOU DESIGN YOUR EXPERIMENT**), and submit your two responses to me in a single email on Friday.

7.3 Artificial Selection:

<https://www.youtube.com/watch?v=udx1vmZ1pS0&list=PLoGgviqq4847VchRdUdvbDPzsp9ResrjD&index=3>

7.4 Population Genetics:

<https://www.youtube.com/watch?v=oUzHJlHvUc&list=PLoGgviqq4847VchRdUdvbDPzsp9ResrjD&index=4>

2. Please also complete and send the images of your completed Drosophila Lab. You should have already submitted your pre-lab (if not, make sure you do), so all I will need is pictures of the completed lab packet, as well as please attach a word document of your post lab write up (materials and methods, results, and discussion and conclusion).

DUE DATES AND SUBMISSION OF WORK:

On **Friday, APRIL 24th**, please send me an email with a picture of your responses to the two FRQ's (one at the end of each video), as well as images and an attachment of your Drosophila Post-lab.

The **subject line** of your email should read, "**FRQ 3 and 4, and Drosophila Lab**".

LOOKING AHEAD:

Hey folks...I just wanted to give you a heads up on what I am thinking in the week of April 27th, just in case you want to start looking ahead. I want to tie up some loose ends, including:

- **Completing the Chapter 22 study guide questions (the ones we go over before the test) – you may have already done these.**

- **Completing the Chapter 23 essential reading questions/outline**
- **Completing the Chapter 23 study guide questions**
- **You will take an online test for Evolution using USA Testprep (which you will need to sign into my class, and I will explain to you how next week). This test will either be next week or early in the following week.**

I miss you all. Stay healthy and peaceful, and continue to love Biology!

Sincerely...Mrs. Swogger 😊