

## Mrs. Swogger March 30 – April 3

### BIOLOGY I PLANS

I hope that you have all received my email explaining the procedure moving forward. If you are reading this plan from the school's website, and have not received an email from me, please email me at [jswogger@rsd.k12.pa.us](mailto:jswogger@rsd.k12.pa.us) to let me know, so that I can check the address that I have for you. If you ever have any questions or concerns, please let me know and I will be happy to help in any way. As stated in the email, my plan moving forward will be to post an entire week's worth of work, to which you will complete on your own time and email me pictures/scans or attachments of the assignments on the scheduled due date(s).

#### Monday March 30<sup>th</sup> – Friday April 3<sup>rd</sup>:

- Please review your Chapter 12 study guide and your Chapter 12 review packet.
- Please complete the USA Testprep exam entitled, "DNA Replication and Protein Synthesis". This will act as your Chapter 12 exam grade.
- If you are unhappy with your score on this exam, you may retake it to improve your score. Please note, the retake option may not be available on future exams.
- Please watch a minimum of 3 YouTube videos about Charles Darwin, as well as read pages 418-422 in your textbook and write down 15 interesting facts about him and his work.
- Please thoroughly read Chapter 15 Evolution, and complete your Chapter 15 Outline, include all three sections (15.1, 15.2, and 15.3 pages 418-441).
  - I realize that some of the listed work was included in your previous two weeks of work, however a couple of the assignments likely require more time than I had allotted.

#### DUE DATES AND SUBMISSION OF WORK:

- Please have your USA Testprep exam entitled, "DNA Replication and Protein Synthesis" completed by **WEDNESDAY, APRIL 1<sup>st</sup>**.
- Please send ONE email, on **FRIDAY, APRIL 3<sup>rd</sup>**, with images of BOTH your Chapter 15 Outline AND a separate image of the 15 interesting facts about Darwin's work/life (this will be entered as two separate grades into the 4<sup>th</sup> quarter of the Gradebook). The subject line of your email should read "Chapter 15 Outline and Darwin Facts".

### AP BIOLOGY PLANS

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have any questions or concerns, please let me know and I will be happy to help in any way. As stated in the email, my plan moving forward will be to post an entire week's worth of work, to which you will complete on your own time and email me pictures/scans or attachments of the assignments on the scheduled due date(s).

### **Monday March 30<sup>th</sup> – Friday April 3<sup>rd</sup>:**

- AP Central has posted videos on their site of AP Teachers providing instruction on the topics that they believe have likely not yet been covered in the classroom. On the AP Biology link there are videos (two so far) of two AP Biology teachers (Allison Kittay and Gayle Fiser) presenting lessons that pick up where we have left off in class. The first link I provided you is a 37:33-minute video on **7.1 Introduction to Natural Selection**. The second link is a 52:29-minute video on **7.2 Natural Selection**. 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. After reviewing these videos several times, I do believe they provide a nice summary of the concepts, and well as practice with FRQ's (free response questions), which I would also be doing at this point in the school year to prepare you for the College Board exam. 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, and submit your two responses to me in a single email on Friday.
- Also, please make sure you exchange your Drosophila data with your classmates (electronically of course!). The due date for that lab will be at the end of the following week.
- These are the links for the two videos that I want you to watch. Please watch them in the order you see them.

<https://www.youtube.com/watch?v=ZVyoFZRMxgb&feature=youtu.be>

<https://www.youtube.com/watch?v=WdCmaHQmji4>

### **DUE DATES AND SUBMISSION OF WORK:**

On **Friday, APRIL 3<sup>rd</sup>**, please send me an email with a picture of your responses to the two FRQ's (one at the end of each video).

The **subject line** of your email should read, "**FRQ 1 and 2**"

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

Sincerely...Mrs. Swogger 😊