

Mrs. Swogger  
Biology/AP Biology **BIOLOGY**

**I:**

Dear Parents and Students,

In order to prepare for possible closure, I have provided each student with a manila folder that has copies of the work packets and study guides for the upcoming chapters. I have also asked all students to save onto their desktop (of their school computers) all the PowerPoint presentations that I will cover for the remainder of the school year (if a student does not have a school computer, I provided them a paper copy). I only asked that they save all of the PowerPoints because even after we return to school, it would be good to reference those PowerPoints when studying for their chapter exams. Furthermore, all students were instructed to take their textbooks home. Lastly, I will be utilizing an on-line program called USA Testprep, that will continue to help them prepare for the Keystone Exam. Students have used it many times this year and know how to access it. I wish for you and your families to remain healthy!

**BIOLOGY I SCHEDULE:**

DAY 1: Complete the "Protein Synthesis Worksheet" that I recently gave you.

DAY 2: Work on Chapter 12 Work Packet

DAY 3: Finish Chapter 12 Work Packet

DAY 4: Work on Chapter 12 Study Guide

DAY 5: Finish Chapter 12 Study Guide

DAY 6: Complete the USA Test Prep exam "DNA Replication and Protein Synthesis"

DAY 7: Read through the mutations (missense, nonsense, and silent) in section 12.4 of the textbook (pages 345-349). Be able to discuss the differences between missense and nonsense, as well as base pair substitutions and frameshift mutations.

DAY 8: Study for your Chapter 12 exam and be prepared to take the exam.

DAY 9: Outline Section 15.1 and 15.2

DAY 10: Outline Section 15.3

**NOTE: ALL WORK WILL BE COLLECTED AFTER SCHOOL HAS RESUMED.**  
**AP BIOLOGY:**

Dear Parents and Students,

In order to prepare for possible closure, I have provided each student with a copy of all the PowerPoints, essential reading questions, and chapter assessment questions for the upcoming chapters. I have also included the background packet for the next upcoming lab. If any student has any question regarding the content, please email me at any point and I will answer questions as quickly as possible. I hope that you and your families remain healthy through this time!

**AP BIOLOGY SCHEDULE:**

DAY 1: Begin reading Chapter 22

DAY 2: Finish reading Chapter 22

DAY 3: Complete the Chapter 22 Essential Reading questions

DAY 4: Read through the Chapter 22 PowerPoint

DAY 5: Answer the Chapter 22 Assessment Questions

DAY 6: Begin reading Chapter 23

DAY 7: Continue reading Chapter 23

DAY 8: Begin the Chapter 23 Essential Reading questions or outline

DAY 9: Finish the Chapter 23 Essential Reading questions or outline

DAY 10: Read the Hardy-Weinberg Lab

**NOTE: ALL WORK WILL BE COLLECTED AFTER SCHOOL HAS RESUMED.**