AP Biology 2019-2020

I pledge to uphold and promote, by my actions and words, Honesty, Integrity, and Respect

Congratulations! You are in a class that is challenging and fun and will teach you a lot of biology and prepare you for success in college. Complete #1 thru #7 below as your Summer Assignment. If you have any questions, please contact me:

Dr. Turk / SC04 / turke@gilmour.org / 440-473-8000 ext 4215

#1 Purchase textbook now!

You can purchase it from a senior. There is summer reading, so you should order it now. MBS at Gilmour may not have it until school starts, so your best bet may be Barnes and Noble or Amazon. The book is sold with various ISBNs and titles because it is bundled with various other products. If you get a book that matches the picture and says “AP Edition Campbell Biology In Focus Second Edition” then you have the correct book. If it does not come with a student media CD, don’t worry because we don’t use it. I can get you access to the on-line resources associated with the book, so don’t worry about that either. If you buy a book that does not come with an eText then I cannot help with that, but I don’t require you to have an eText. If you want just an eText then that is OK too.


#2
Purchase “Barron’s Ultimate AP Biology” now (it’s 50% off now)

It is important to get the correct edition.
ISBN-10: 1438079206

#3
Binder + these 3 items:

**Filler Paper:** 8 ½ x 11, college-ruled (I prefer reinforced, but it is not required)

**Pen:** I suggest a 0.38 millimeter-tip (I use uni-ball 207) because you will be taking a lot of notes, and the fine tip makes the handwriting neater and saves a lot of space. Sometimes they are hard to find but easy enough to order on-line.

**Calculator** that you keep in your binder. Here is the official policy “You are allowed to use a four-function, scientific, or graphing calculator on the entire AP Biology Exam—including both the multiple-choice and free response sections. Check the list of approved graphing calculators (which also includes a list of devices that are not allowed).”
#4

GA email

Send me an email (turke@gilmour.org) from your GA account letting me know that you understand the summer assignment. I communicate to you through your official GA email and you should check it and respond to all of my emails in a timely manner so I know you received and understood it.

#5

Quizlet

Sign up for our class Quizlet using Google Login (your google login account has to be created with your Gilmour email address).

AP-Biology-2019/20-Turk  
https://quizlet.com/join/JBZ2er9aq

#6

FlinnPrep

This short on-line summer prep class: http://www.flinnprep will help you get ready for the class. Cost is FREE. You will get an email invitation from me to join and I will be tracking your progress. You need to complete and “pass” the first 10 unit tests for full credit. You can retake as many times as necessary to pass (16/20 or better).

#7

Summer Reading and Notes

Simultaneous reading and note-taking helps you understand and remember the material. Learning from what you read is an invaluable skill that you can improve. Summer notes will be graded, as will notes all year long. Only neat notes that are taken in pen and on the above paper will be counted for a grade. The AP Bio exam in May is in pen and only neat writing will be graded, so we will practice all year. If you have bad handwriting that’s OK, you will have an entire year to improve it.

Resources to improve your hand writing:

http://www.wsj.com/articles/pens-for-better-penmanship-dont-forget-how-to-write-1409934039
http://melissaesplin.com/2014/02/5-easy-ways-to-improve-your-handwriting/
http://www.wikihow.com/Improve-Your-Handwriting
https://www.youtube.com/watch?v=s_F7FqCf6To
http://www.dnealian.com/lessons.html
http://www.edweek.org/ew/articles/1993/10/06/05write.b13.html

The key to success in AP Biology is to consistently read the book and take good notes as you read. To be effective, you will need to read a sub-section, read it again, take notes,
review all the notes for that chapter, and repeat. It takes about 20-30 minutes to get through 1 page of the textbook. You must be 100% focused when you read the textbook. Most students cannot focus at 100% for more than 15 minutes and many students max out at 5 minutes. But if you work on it every day, your focus will improve, which will make every class you ever take going forward in college easier and more successful. This habit will be required for a successful and enjoyable class next year, and the skill of understanding what you read will be ABSOLUTELY required for success in college.

**There will be a test on Chapters 1 thru 3 the first full day of class.** Reading a science textbook takes a lot of energy and activity. Start a daily routine of reading **1 page a day** during the summer. You will have **2 to 3 pages a day** during the school-year, so using the summer to get into the habit of reading and taking good notes in neat hand-writing will make your school-year much easier.

**The following 16 homework assignments are due the first full-day of class:**
- Chapter Notes (1 thru 3) – 60 pts total
- Quizlet - complete the “Learn” study tool for each chapter (1 thru 3) – 30 pts total
- FlinnPrep classes (1 thru 10) – 50 pts total

**Gradebook for each semester is broken into 5 categories worth 20% each:**
1. Homework
2. Lab
3. Multiple Choice Test
4. Free Response Test
5. Final Exam
Note Taking Rubric – 20 pts

Late or incomplete homework will not be accepted.


4 pts. Each homework assignment has the following layout:
- College-ruled filler paper (reinforced recommended).
- Black ink (0.38 mm tip recommended).
- Start on a new piece of paper.
- Your name and chapter concept numbers in the top margin, example: Mike Smith 1.1 1.2 1.3
- Neat handwriting.
- Left corner paperclip.

4 pts. As you read, write down all titles (Chapter, Section, Sub-Section, Concept Check x.x), with page # in margin.

4 pts. Read the text under each title twice, then summarize the main ideas. You don’t need to write down every definition because a pre-built Quizlet library (a flashcard app) will be provided to you.

4 pts. For all figures:
- Figure number and title.
- Sketch if it is a concept map or flow diagram or has labeled parts.
- Summarize the main idea.

4 pts. For all questions associated with an answer in the back of the book:
- Put a star in the margin.
- Write out the question.
- Write the answer (can be same or modified answer from back of book). My test questions are based on these, so put extra care and effort into your answers.

Bonus. Some tests will be open notes.

“Chapter Review” at the end of each chapter, and “Scientific Skills Exercise” within each chapter are not required to be in the notes, but put them in if it helps you. These will be covered in class and will be on the tests, and you can add these to your notes during class.

I provide example notes for chapter 1, but you still have to read and take notes on chapter 1, and not just copy my notes. As you take notes on chapter 1, keep looking at how I did it so you will see what is expected.