



Dear AP Biologists,

Welcome to the grit zone. 😊 I'm excited that you are willing to accept the challenge of a college-level science course. As you all know, AP Biology will be demanding but rewarding and fun (yes I said fun and no I'm not losing it). I am looking forward to working with each one of you next year.

I'm sure there will be a time this summer when you are bored out of your mind sitting around the house. Let me help you out. I know the words "summer assignment" are not two words that you would like to go together. Much like "pop quiz" or "sold out" or "dress code" or "vegetable lasagna". Ok I'm done. But in reality, the work you do will help keep your mind in the game. We are going to start the school year running and these assignments will help you get prepared and also, perhaps, be even a little enjoyable. (Not losing it)

This assignment has six purposes:

- 1) To get you thinking about the world around you from a biological perspective.
- 2) To keep your mind sharp and in tune with the science realm.
- 3) To broaden your perspective.
- 4) To introduce you to major concepts from AP Biology through non-classroom methods of learning.
- 5) To review concepts that should be familiar from Biology.
- 6) To have you earn some strong grades to help you begin the first quarter on the right track with confidence.

Below you find the assignments:

1. Introduction Questions
 - a. What are your strengths when it comes to learning new material?
 - b. What causes you to struggle in a course?
 - c. How many AP classes are you taking this coming school year?
 - d. What are you looking forward to the most?
 - e. What are you most anxious about?
 - f. What is your favorite Bible passage and why?

2. Complete Class Requirements
 - a. Read and sign contract
 - b. Read and sign syllabus
 - c. Get class supplies
 - i. Three ring binder: the biggest one you can find. 😊
 - ii. Dividers
 - iii. Blue/Black Pens, Red Pen, Highlighters, Pencils



- iv. Notecards or Notecard APP on phone
 - v. Box of Clorox or Lysol wipes
 - vi. Latex free gloves (preferably nitrile gloves)
3. Reading Assignments
- a. The Immortal Life of Henrietta Lacks by Rebeca Skloot
 - i. complete study guide questions (must complete four questions per chapter)
 - ii. complete two of the science topic questions in a paper (3-5 pages in length) Be prepared to discuss
 - b. The Hot Zone: A Terrifying True Story by Richard Preston (**for extra credit on first exam**)
 - i. complete study guide questions
4. Book Work – Quiz will be given when seniors get back on first three chapters
- a. Read Chapters 1 – 3 completing the following assignments
 - i. Summative quiz for each chapter
 - ii. Do Active Learning exercises (powerpoints). For every time the slide says discuss, please write out your responses on paper.

See you soon!

Mr. Harkala

PS: All of the assignments can be found on dropbox at the following link:

<https://www.dropbox.com/sh/3ujjm4miu76p3ct/AABH8B7qJufjChoYcBwBybV6a?dl=0>

Also, please email me so I can have your email on file. jonathanharkala@cfcaeagles.org