**FREQUENTLY ASKED QUESTIONS**

**What is a summer extravaganza? That sounds a bit like you are a liar and it is really some kind of homework.**

Well…fine OKAY yes it is homework but extravaganza sounds so much more fun

**You are giving us a summer extravaganza!? What? Why?**

The summer extravaganza is given for several reasons. First, it is designed to keep your brains sharp and active during the summer months. I will be expecting a lot from them this upcoming school year. It will not only cover material from freshman Biology, but also will require you to explore new content and vocabulary.

**Do I have to do it? How much is it worth?**

Yes. The entirety of the assignment is worth **THREE test grades** which account for 70% of your grade in AP biology. The summer assignment will be **due Friday August 26th**.

**Will it be accepted late? Can we do it last minute?**

No, and No, this is a long assignment that cannot be done the night before it is due.

**FIRST THINGS FIRST, YOU WILL NEED TO JOIN MY REMIND101 and SCHOOLOGY CODES FOR BOTH ARE LISTED BELOW:**

**SCHOOLOGY: SQJS5-XTNB4**

**REMIND101: TEXT @butcherbio to 81010**

**SUMMER ASSIGNMENT….LET THE AP BIO SUMMER BASH BEGIN**

**PART I- CHAPTER READINGS, NOTES (either Cornell or outline form whatever works for you), and VOCABULARY CARDS** 100pts).

**Chapters to take notes over.**

1. **Chapter 43**
2. **Chapter 44**
3. **Chapter 45**
4. **Chapter 46**

**You must have notes for these completed by various dates in June, July and August for part II to be submitted to Schoology on time. If you wait to do these until the last week of summer you will have lost 100pts which is worth a test grade. However these chapter notes will be checked and due to me on Friday August 26th**.

For the summer, after you obtain your book (**note to nerdlings…this means you need to check out a biology book before school ends**), you will need to read and take very detailed notes over the following 4 **chapters 43, 44, 45, and 46**  including important diagrams and graphs. When you take notes you should include important pictures and diagrams. You should also incorporate the vocabulary words (all the words in bold print) within your notes. At the end of each section you will need to answer all of the “do you understand the concept questions” in your composition books. These will serve as the summary for your notes over each section in the chapters. At the end of each section you need to label “Do you understand the concept questions” so they are easy for me to locate when I check your notes. You need to buy a composition notebook to take your chapter notes in. Leave the first 2 pages blank as your table of contents and fill it out as you go. You will also need to make vocabulary cards for all vocabulary words in the chapter. Write the vocabulary word and draw a picture representing the vocabulary word on the front of the note card, then write the definition of the word on the back of the note card and on the back also use the vocabulary word in a sentence.

**PART II CHAPTER ESSAYS TO BE SUBMITTED TO SCHOOLOGY DISCUSSION BOARD BY THE FOLLOWING DUE DATES IN THE SUMMER**. (**YOU CAN OBVIOUSLY TURN THEM IN EARLY IF YOU WISH**) **100 POINTS** (**25 points per summary essay**)

**Due Dates. Put reminders in your phones of these so you do not forget. It is your responsibility to do them ON TIME**

1. Chapter 43 Essay Due **Friday June 24th** by 11:59pm
2. Chapter 44 Essay Due **Friday July 8th** by 11:59pm
3. Chapter 45 Essay Due **Friday July 22nd** by 11:59pm
4. Chapter 46 Essay Due **Friday August 5th** by 11:59pm

You will need to keep up and read the chapters, take notes and then post a summary essay to the AP biology summer assignment page. I will create a discussion posting and you will respond to the class discussion. No exceptions will be made. If you know you will be traveling make sure you do it before you leave. The summaries and what you include in them are entirely up to you. My only requirement is they are at least 2 paragraphs long and need to contain a minimum of 5 sentences per paragraph. I will be running them through plagiarism software so if you copy paste from the internet or copy paste from a friend you will be caught and you will receive a zero with no make-up.

**PART III- Math and Statistics Video lecture notes** (100pts)

You will need to purchase a separate notebook for video lectures. Leave the first 2 pages blank for the table of contents. Go to [www.nerdlingscience.com](http://www.nerdlingscience.com) click on “biology video lectures” click on “statistics and graphing” You will need to watch and take notes over the following video lectures. Make sure you title each video in your notebook. You will be expected to know and be able to apply all concepts from the statistics and graphing videos that you watch during the first few weeks of class when we begin our statistics section right after Ecology.

**Videos you need to watch. These will be DUE Friday August 26th.**

1. Using mathematics appropriately
2. Standard deviation
3. Standard error mean
4. Statistics for science
5. Chi-square
6. Beginners guide to graphing data
7. Graphing data by hand.

**Lastly please purchase Barron’s AP Biology Review Book (latest edition)**

1. You can purchase this book at a Barnes and Nobel or find it online at amazon.com
2. We will be using this book for review throughout the year so you will need to secure a copy or find someone who is willing to share theirs before the first day of school
3. Cost of the book is approximately $20. Most times you can find it for even less if you order with a parents credit card (with their permission of course) on [www.amazon.com](http://www.amazon.com)
4. You need to have your review book by the first week of school.

**Answers to Commonly Asked Questions**

**HOW DO I REACH YOU IF I HAVE QUESTIONS OVER ASSIGNMENTS THIS SUMMER?**

1. You can email me: my school email is [hbutcher@pasadenaisd.org](mailto:hbutcher@pasadenaisd.org) and my personal email is [mrs\_butcher@yahoo.com](mailto:mrs_butcher@yahoo.com)
2. If one of your questions is…I lost my assignment. It will be posted on my website: [www.nerdlingscience.com](http://www.nerdlingscience.com) under the “AP Bio Nerdlings” button.

**ARE THERE ANY OTHER WEBSITES I SHOULD JOIN OR SOCIAL MEDIA AFFILIATED WITH YOU OR YOUR COURSE?**

1. Yes!
2. My website that has all video lectures: [www.nerdlingscience.com](http://www.nerdlingscience.com)
3. My Twitter is: @Queen\_Nerdling
4. My Youtube channel is: queen nerdling You can find my channel by typing in “Queen Nerdling” in the search field or by following this link: https://www.youtube.com/channel/UCO7OfGz2T5UNcAbIFiBDD\_g . This is where all my video lectures are posted and where I posted my video blogs documenting my experience in New Zealand. My AP Environmental Science video lectures are also on my youtube page.
5. Student facebook page is: [www.facebook.com/nerdlingscience](http://www.facebook.com/nerdlingscience) My facebook page is where I post photos of labs and activities that you, the students, do throughout the year ☺.