

AP Biology 2019-2020

Welcome to AP Bio! AP Biology is a rigorous, yet extremely rewarding college level course. This course will move at a very fast pace and classroom attendance is imperative. Problem solving, inquiry processes, and critical thinking will be skills emphasized in class. Due to the vast content covered, equivalent to two semesters of college biology, lab activities and review sessions will be scheduled after school during school days. I will provide you with a schedule at the beginning of the year.

To be successful on the AP exam, you will need to consistently dedicate 2-4 hours of additional work per week outside of class working on AP biology material. This time will be spent on practice multiple choice and free response questions. In order to start the school year prepared, please complete this Summer Assignment. It will be counted as your first assignment grade, but most importantly, it will help prepare you for your first test on Animal Behavior and Ecology. It will be due the first week of school. If you have any questions, at any time, feel free to contact me at cschulte@wcpss.net I hope that you have an enjoyable, exciting, and educational summer! I look forward to meeting you (or seeing you again) in August!

Assignment Description:

For the summer assignment, you are required to read *The Beauty of the Beastly* by Natalie Angier. This book is about animals and animal behavior. It is an in depth inquiry into unique animal behaviors and the molecular science behind it. It covers everything from courtship behaviors to competition and may challenge your thoughts on many beloved animals. Once you have read the book, you should choose three chapters of the book that interested you and research them further. DO NOT just choose the first three chapters of the book. You must choose chapters from different sections of the book. For example, you can choose one from Loving, one from Dancing, and one from Slithering. (The sections are defined at the front of the book.)

- 3-5 pages double spaced
- Normal 1 inch margins
- Arial, Times, or Calibri 12 point ft.
- Works cited for outside sources (MLA or APA format)

Things to think about while you are writing:

- Why do you think organisms/molecules behave this way?
- What are some pros and cons of this type of behavior?
- What interested you and why?
- How does this relate to biology overall?

You can purchase the book online from Amazon in print or eBook version. I also have several copies of the book available for checkout if you cannot purchase the book on your own. Just come by room 1309 before school is out to get a copy. I look forward to meeting you.

—

Mrs. Schulte