

AP Biology 2022-2023
Summer Assignment
Ms. Lee (nlee@briarcliffschools.org)

Welcome to AP Biology! This summer assignment is designed to help you make sense of the diversity and complexity of life that is the focus of our study in this class. It starts by introducing the main themes that unify the different areas of biology, and then makes connections to the basic concepts of chemistry that apply to the study of life.

Please make sure to obtain a packet of readings from Ms. Lee before starting this assignment. The readings are taken from the twelfth edition of *Campbell Biology* (AP Edition 2021), published by Pearson Education, ISBN 0-13-648687-8. Students must complete all of the following before the first day of class in September:

- 1) Read all of Chapter 1 and highlight the main important points of the chapter. Read each paragraph or section first and pause to think about what you just read **before** using your highlighter. This will help you focus on the key parts and not highlight everything that seems important at first glance. Be selective in what you choose to highlight – meaningful phrases instead of complete sentences – but don't just focus on the boldface vocabulary terms of the chapter. In addition, be sure to read the captions under each picture, which have information you may want to highlight as well.
- 2) Read, highlight *and* annotate all of Chapters 2, 3 and 4. Again, be sure to read each paragraph, section or caption first and pause to think about what you just read **before** deciding what to write down. Be sure to **use your own words** as you annotate in the margins of the text – don't just re-write the same words since you can just highlight them directly on the page. Annotating is an active process that requires you to think and synthesize information as you read. Keep your words short and to the point, so that they will make more of an impression on your memory and be easier to use when you review them later in preparation for the test.

Students are not required to answer the questions at the end of each chapter. Students are expected to bring their completed summer assignment to the first day of class in September.

Please contact Ms. Lee via email at nlee@briarcliffschools.org, preferably ***by June 24th, 2022***, if you have any questions or concerns about this assignment or anything else about AP Biology.