

ADVANCED PLACEMENT BIOLOGY SUMMER ASSIGNMENT

Check out the fifth or sixth edition of Biology by Campbell (the 2 editions are very much the same). I recommend that you consider buying a used copy of the book on Amazon.com or another used book site. You will be able to highlight the book and then study your highlights for tests. This is an efficient study method that you will use in college. Also consider buying a copy of the Cliffs Notes for A P Biology.

Read the Ecology unit – Chapters 50 – 54. This is a lot of reading but is not particularly difficult. Finishing this in the summer will make our schedule throughout the year more humane. I will lecture on any important parts of Chapter 55. There will be a multiple choice test and an essay test on the Ecology unit at the end of the second week of school.

Written Assignment – This is a typical prompt for an AP Biology essay. After you have completed your reading, close the book and write an essay on the topic below. You may only write for **25** minutes. We will grade these essays on the second day of class.

Using an example for each, discuss the following ecological concepts.

- a) **Succession**
- b) **Energy flow between trophic levels**
- c) **Limiting factors**
- d) **Carrying capacity**

- **Biology, Sixth Edition**
by [Neil A. Campbell](#), [Jane B. Reece](#)
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Have a wonderful, relaxing summer,

Barbara Lohman