



AP Biology Summer Reading

Campbell Biology 7th Edition (AP Edition)
(ISBN = 0-8053-6777-2)

The AP Biology Textbook is available in print and online versions. The Summer Reading requires that you have access to the online resources and textbook (print or e-book). Please email Mrs. Nuño (idenuno@mhs-la.org) for information about accessing the web resources. Remember that your Marymount ID and password will get you into the textbook site!

The summer reading assignment is required and is worth 125 points. There will be a test on the summer reading assignment during the first week of school!

Text Reading

Chapters 1—3 and 26—34

Read and highlight!

Review Key Terms

Use *Word Study Tools* on the [Campbell Biology 7/E website](http://www.campbellbiology.com)

(<http://www.campbellbiology.com>) for each chapter to review word roots and key terms.

Assignment (all at [Campbell Biology 7/E website](http://www.campbellbiology.com))

1. Pre-Test and Quizzes

All online pretest, self-quiz, activities quiz, and chapter quizzes for Chapters 1—2 and 26—34 from the [Campbell Biology 7/E website](http://www.campbellbiology.com)

Submit for grading: This will provide a record of your work!

2. Graph It (access this on the [Campbell Biology 7/E website](http://www.campbellbiology.com))

Chapter 1: An Introduction to Graphing

Submit ALL parts for grading: This will provide a record of your work!

3. Investigations (access these on the [Campbell Biology 7/E website](http://www.campbellbiology.com))

(Select Chapter and Chapter Guide and then scroll down to find the Investigations)

Submit for grading. This will provide a record of your work!

Chapter 1: Environmental Changes

Chapter 2: Space Rocks

Chapter 3: Acid Precipitation

Chapter 26: Life on Early Earth

Chapter 27: Nutrition in Prokaryotes

Chapter 28: Protist Habitats

Chapter 29: Fern Life Cycle

Chapter 30: Tree Leaves

Chapter 31: *Pilobolus*

Chapter 32: Molecular Data

Chapter 33: Insect Species

Chapter 34: Bone Structure

The following are OPTIONAL (but recommended)

4. Activities and Videos: (access these on the [Campbell Biology 7/E website](http://www.campbellbiology.com))

(Select Chapter and Chapter Guide and then scroll down to find the activities and videos)

Do or view as many as you can for each chapter. These reinforce the themes and concepts presented in each chapter. Your score on the chapter activities quiz will be higher if you do ALL the activities before taking the quiz!



Optional Reading

These books will give you a feel for the history and nature of science that a textbook cannot. I recommend you read at least one of these!

- *Great Feuds in Science: Ten of the Liveliest Disputes Ever* by Hal Hellman
- *The Panda's Thumb: More Reflections in Natural History* by Stephen J. Gould
- *Ever Since Darwin: Reflections in Natural History* by Stephen J. Gould
- *Wonderful Life: The Burgess Shale and the Nature of History* by Stephen J. Gould
Actually.....read anything by Stephen J. Gould and your life will be richer!
- *Night Comes to the Cretaceous: Comets, Craters, Controversy, and the Last Days of the Dinosaurs* by James Lawrence Powell
- *Symbiotic Planet: A New Look at Evolution* by Lynn Margulis
- *Dinosaurs, Spitfires, and Sea Dragons* by Christopher McGowan
- *In the Shadow of Man* by Jane Goodall
- *Reason for Hope: A Spiritual Journey* by Jane Goodall
- *On the Origin of Species* by Charles Darwin
- *The Growth of Biological Thought* by Ernst Mayr
- *The Double Helix: A Personal Account of the Discovery of the Structure of DNA* by James Watson
- *Rosalind Franklin & DNA* by Anne Sayre

