

AP Biology

Summer Reading

Biology, 6th Edition by Campbell, Reece, and Mitchell (ISBN = 0-8053-6624-5)

You can get the ebook online at <http://www.aw.com/campbell/>

- Read, highlight, outline chapters 1~3 and chapters 53, 54, and 55
- Answer **ALL** Self-Quiz, Evolution-Connection, Process of Science, and Science-Technology-Society Questions for chapters 2, 3, 50, 51, 52, 53, 54, and 55
- **Be prepared for a multiple choice and essay test on these 9 chapters during the 1st week of school!**
- **Please send your regular email address to me at jdenuno@mhs-la.org**
I will be sending you emails at various times during the summer.

Check out the [website](http://www.jdenuno.com/APBiology/APBIO.htm) (<http://www.jdenuno.com/APBiology/APBIO.htm>) for a preview of what we will be studying in AP Biology

Optional Readings to get you prepared:

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
- *Blueprints: Solving the Mystery of Evolution* by M. A. Edey and D. C. Johanson
- *Symbiosis in Cell Evolution: Microbial Communities in the Archean and Proterozoic Eons* by Lynn Margulis
- *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
- *Rosalind Franklin: The Dark Lady of DNA* by Brenda Maddox
- *The Monk in the Garden: The Lost and Found Genius of Gregor Mendel, the Father of Genetics* by Robin Marantz Henig