

## Reading-002

Reading....You should anticipate reading (and mastering the content) of about 10 pages a day. If you are going to your sister's wedding and will be busy on Saturday, plan on reading 20 pages on Sunday. If you are heavily involved in a sport and can't focus during the week, plan on reading about 70 pages over the weekend.

After much thought, I'm going to try using *OpenStax.org Biology for AP*

One issue, the pdf and online version are not exactly the same. The online version doesn't have page or question numbers.

I will assign work using the online version, but, will try (no promises) to provide equivalent page and question numbers.

One issue that has plagued my AP Biology class for the last several years is that students do not read the material until just before a test, if at all.

Last year I tried daily reading quizzes. No one enjoyed this. And, as a result of rampant cheating, their effectiveness decreased. This year, I'm trying something I'm calling "Be prepared to answer."

What do I mean by, "Be prepared to answer?" I mean I will ask random students questions from the text. [Random lists of students will be generated by the computer from the roll lists.] If you can answer "your question," you get a check, if not, a minus. These will be periodically aggregated into an "oral reading quiz" grade. If you are not in class (unexcused) you automatically get a minus. If you are not in class (excused) you cannot get check mark, but, you don't get a minus.

### Reading Assignment 3-

Online: Chapter 2: The Chemical Foundation of Life

Pdf: pages 41-75; Questions 1-30

Make sure you do the [Link to Learning] isotopes

Make sure you do the [Link to Learning] ionic and covalent bonding

Make sure you do the [Link to Learning] ice lattice

And think about why ice floats!

Make sure you do the [Link to Learning] pH

Be prepared to answer the Review Questions, Critical Thinking and Test Prep for AP

Be prepared to define the key terms

### Reading Assignment 4-

Online: Chapter 3: Biological Macromolecules

Section 2.1 Synthesis

Section 2.2 Carbohydrates

Section 2.3 Lipids

Section 2.4 Nucleic Acids

Pdf: pages 87-129; Questions 1-74

Make sure you do the ALL the [Link to Learning] modules

Some of them use flash. You'll have to allow it to get the full benefit of the animations.

Be prepared to answer the Review Questions, Critical Thinking and Test Prep for AP

Be prepared to define the key terms