

AP Biology Summer 2020 Assignment
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Welcome to AP Biology. This course will dive deeper into the same topics you learned in introductory Biology (CP or Honors). It is therefore imperative that you have a strong foundation of the basics before beginning this course. This summer, you will review these basics by:

- 1) organizing and reviewing your CP/Honors biology notes
- 2) study for first pretest

1) Organizing and reviewing notes

a) Please create EIGHT folders titled:

- i) Unit 1: Chemistry of Life (water, macromolecules)
- ii) Unit 2: Cell Structure & Function (cell organelles, membranes, osmosis, diffusion)
- iii) Unit 3: Cellular Energetics (photosynthesis, cellular respiration)
- iv) Unit 4: Cell Communication and Cell Cycle
- v) Unit 5: Heredity (punnett squares, sex-linked traits, etc)
- vi) Unit 6: Gene Expression & Regulation (DNA, RNA, transcription, translation)
- vii) Unit 7: Natural Selection
- viii) Unit 8: Ecology

b) In each folder, organize and review the following:

- i) Any and all notes for those concepts
- ii) Any and all quizzes/tests for those concepts

(1) IF YOU ARE MISSING ITEMS: Make friends with those who have them, and make copies of their notes/quizzes, etc.

2) Study for first pre-test: Unit 1: Chemistry of Life (water, macromolecules)

- a) At the start of every unit, I will give a pre-test to see where each student is at with the material, then I will group students accordingly so as to best serve all students' needs
- b) The first pre-test will be give on the second day of school over Chemistry of Life

Looking forward to a great year!

Mrs. Ooten