

AP Environmental Science Summer Homework

All assignments due 1st day of school!!

- 1) Purchase textbook and other required materials (see syllabus)
 - "Living in the Environment" by Miller. 2009, 16th Ed. ISBN: 978-0-538-49556-0
- 2) Read and take notes for Chapter 1, 2, and 3.
- 3) Project: Write a brief scenario describing the major consequences for us and other species if each of the following biogeochemical cycles were to stop functioning:
 - a) water
 - b) carbon
 - c) nitrogen
 - d) phosphorous
 - e) sulfur
- 4) Extra Credit: Visit a nearby terrestrial ecosystem or aquatic life zone and identify major producers, primary and secondary consumers, detritus feeders, and decomposers.
 - You may consider visiting an aquarium, zoo, tide pools, Catalina Island, Sea World, or Wild Animal Park (in San Diego)
 - **You must show proof that you physically went to the area (this may be with a ticket stub and/or picture(s) with you in them)**