Welcome to AP biology. In preparation of this course I am asking that you fulfill this assignment over the summer to provide yourself with a comprehensive review of the material you learned in Biology I and Chemistry I. The textbook; *Biology; 10th edition; Solomon, Marin, Martin, Berg* is extremely detail orientated and is to present you with additional knowledge necessary to begin this course. We have a lot of information to cover throughout the year and it is imperative that you are familiar with the essentials of biology and chemistry. This assignment will be your “ticket of admission” to AP Biology class on the first day of school and will count as a part of your first quarter grade. You will also be tested on the material during the first week of school. I strongly urge you to begin this assignment early and not to wait until the week before school.

1. **Read and outline chapters 53-57.** All outlines are to be “hand written” with I.O.P. (Integrity of Presentation). Points will be taken off for neatness.
   - **Chapter 53:** Introduction to Ecology: Population Ecology (pg. 1144)
   - **Chapter 54:** Community Ecology (pg. 1164)
   - **Chapter 55:** Ecosystems and the Biosphere (pg. 1187)
   - **Chapter 56:** Ecology and the Geography of Life (pg. 1208)
   - **Chapter 57:** Biological Diversity and Conservation Biology (pg. 1232)

2. **Complete the Study Guide for each chapter (53-57)**

3. **Compile all work and present in a folder with your name on the cover**

4. **Be prepared for an assessment when you return to school in September**

I will be checking my email periodically over the summer, should you have any questions please feel free to contact me at mmartini@trschools.com

Have a fun, safe and enjoyable summer.  
I look forward to working with all of you next year.