

June 1, 2017

Dear AP Biology students,

I welcome you to an exciting and challenging year of Advanced Placement Biology. The Curriculum of this course is designed as a college level course that will cover several topics in Biology some of which will be a review from the Introductory Biology class you took in your freshman year.

Your summer assignment will be to read the following chapters in your Biology textbook and complete the reading guides posted in your Google Classroom. The course code for entry into the AP Biology Google classroom is **e43jccq**.

Chapter 1 discusses the general themes in the study of life..

Chapter 2 is a review of the general principles of chemistry: matter, elements, molecules and chemical bonds.

Chapter 3 is a review of the properties of water, a molecule that supports all life.

Chapter 4 is a review of carbon chemistry and an introduction to the diverse molecules carbon can form due to its tetravalence.

I will not be collecting the completed reviews over the course of the summer but I will expect you to be prepared for a quiz on their content when we return in the fall. I have also posted the reading guide for Chapter 5 on your Google classroom. This chapter is a review of macromolecules: carbohydrates, proteins, lipids and nucleic acids. I encourage you to read this chapter as we will begin the year of AP Biology with a review of macromolecular structure and function.

Have an enjoyable summer and I look forward to seeing all of you in the fall.

Sincerely,
Dr. Barton
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