

## AP Biology Summer Work

2015-2016

Congratulations on your decision to enroll in AP Biology. While the material can initially be trying, you shall gain new perspective and a deepened understanding of life in and around you. By successfully completing this course, you should be capable of earning a 3 or higher on the AP Biology Exam in May, 2016. Passing the exam with a 3, 4, or 5 may allow you to get college credits while being in high school. This saves money and time in college. This class is time consuming and requires a lot of at home preparation. You need to commit to hard work from this assignment till the end of next school year.

### Why summer work?

In order to best utilize the limited time available to cover a very extensive area of science, it is important that you retain and practice the skills and information accumulated in Honors Biology. In order to cover the breadth of content necessary to prepare for the AP Exam, there will be a summer assignment designed to reinforce and introduce concepts thought of as prerequisites for AP Biology (aka Chemistry).

### What am I expected to know?

Coming into next year, it is expected that all AP Biology students review the major themes in biology (chapter 01). It is also expected that students have a firm background in the chemistry that regulates organisms (chapters 1-3).

### What do I have to do?

This summer, you are to **read, create written chapter outlines (chapters 1-3), and complete study guides** on selected chapters (chapters 1-5 from old book). You will also need to access the textbook website and complete the "Self Quizzes" for Chapters 1-3. The results of these need to be printed and handed in the first day of school along with all other summer work. In addition to your text, there is an electronic text book available online at

<http://www.pearsonmylabandmastering.com/northamerica/masteringbiology/>

### WEBSITE INSTRUCTIONS:

-go to the website listed in the paragraph above

-Sign in using the following information:

-User Name; WatertownIndians15 (one word, 2 capital letters)

- password; MollyMae123 (type just as shown)

The screen will give you choices on viewing the ebook or "Explore the Study area". To access the Self Quizzes you need to hand in on the first day, use the Explore the study area link. Use the top drop down to choose a chapter, then hit "Go". Use the left side bar to find the eBook and activities.

**When is this work due? Will I be tested on it?**

The summer assignments are due the first day of class. You can expect a **test** on the material within the first week, (**probably the second day**) of class. **We will not be reviewing this material in class** so it is imperative that you master the material on your own. If the text is not enough, search online for more information. There are many videos on YouTube and other websites that help to visualize the concepts covered.

If you finish the summer work in June, be sure to review it in September before coming back to class. It will need to be fresh in your mind.

Enjoy your Summer Break! Although you may not want the summer to end, we hope you are looking forward to an exciting and challenging year of Advanced Placement Biology. We know we are. You can reach us throughout the summer via our emails below.

Sincerely,

Mrs. Hathaway and Miss Emmanouil

[hathawayma@watertownps.org](mailto:hathawayma@watertownps.org)

[emmanouilrh@watertownps.org](mailto:emmanouilrh@watertownps.org)

**Did I finish my summer work? Use this check list to be sure all parts of summer work are done.**

The first day of class, you will be expected to **submit the following**. There will be a comprehensive assessment within the first week of school (and we will not be going over this in class). Be sure you are studying. The Online activities and quizzes do not need to be handed in. The Chapter Outlines and completed Study Guides for each chapter will be turned in on the first day of class.

Below is a checklist to ensure you have everything necessary for the first day of class:

**Chapter 1:** Chapter Outline \_\_\_\_\_ Online Self- quiz (printed)\_\_\_\_\_

**Chapter 2:** Chapter Outline \_\_\_\_\_ Online Self-quiz (printed) \_\_\_\_\_

**Chapter 3:** Chapter Outline \_\_\_\_\_ Online Self- quiz (printed) \_\_\_\_\_

**Study Guide Packet Sections Completed:**

Ch 1 \_\_\_\_ Ch 2 \_\_\_\_ Ch 3 \_\_\_\_ Ch 4 \_\_\_\_ Ch 5 \_\_\_\_