

MHS9 AP Biology 2017-2018 – Mrs. Durvasula
Summer Assignment

You will need to complete the summer assignment ONLY if you are enrolled in AP Biology for the school year 2017-2018

Welcome to AP Biology. This is an exciting, and rigorous course designed to provide a broad as well as deep way of thinking about living organisms and biological systems. This summer assignment is to gain foundational knowledge of basic chemistry and introductory biology, to get introduced to the online textbook and to get a head start with analytical and mathematical skills necessary for the course.

The due dates for the homework will be strictly enforced. Since the homework is designed to gain foundational knowledge that will be applied starting the first day of school, choosing the option to do the assignment late will not be beneficial. **These 4 chapters will not be covered in the class** and we will start with Chapter 5 of the textbook. Do not procrastinate and wait until the week before school begins to start your summer work.

Over the course of next school year, you will learn a tremendous amount about biology and scientific practices; which means success in this class will take work, diligence and dedication. We will be studying a wide range of topics in biology from molecular level to the ecosystem level. **The summer assignment has 5 parts.** Please read through each section carefully and complete all parts of the assignment.

If you have questions you may email me at durvasulas@lisd.net. I am looking forward to working with you during next school year.

Part 1 – Course Set-Up

- a) Sign up for MHS9 AP Biology Remind
You may download the remind app or use your phone to enroll
By texting the message @e488k4 to the number 81010
- b) Enroll in AP Biology Summer Google classroom
Class code – ***has been sent you in the email***
Step 1: Go to <https://classroom.google.com/>
Step 3: Sign in with your LISD username, password.
Step 2: Click on Join class as a student.
Step 3: Input the class code for AP Biology Summer Classroom.
- c) Create an account and Register for the Pearson Campbell (9th edition) E-Textbook and Mastering Biology - (You must follow the instructions step-by-step)
 1. Go to www.masteringbiology.com
 2. Under the large Register Now section on the right side of the page, click the Student button.
 3. Make sure you have an Email, Course ID and Access Code with you and click on OK! Register now
 4. Enter this Course ID: ***has been sent you in the email***
 5. Create a Pearson Account with a valid Email. Be sure to note down your password, Security Question and Security answer.
 6. Accept the license agreement and click on Create Account
 7. Click on the Access code and enter the following Access code: ***Student Access code has been sent you in the email***
 8. Click yes for the question "Did you receive a Course ID from your instructor?" and enter the code
 9. You should now be registered and enrolled in the course AP Biology MHS9Durvasula.

Part 2 - Read Chapters 1- 4 in the “eText” on Pearson Mastering Biology website, Complete the reading guides, and Complete online activities in “Study Area” on Mastering Biology for each chapter

READ Chapters 1-4

How to Access and View the chapters using the “eText”

1. Go to www.masteringbiology.com and sign in.
2. On the course home page, Select the blue tab “eText” at the top of the page.
3. On the left-hand side of the page, is located the Table of Contents, Select the chapter you wish to read.

For the summer assignment you will read

A. Chapter 1: Introduction: Themes in the Study of life (26 pgs.)

B. Under Unit 1: The Chemistry of Life

Chapter 2: The Chemical Context of Life (15 pgs.)

Chapter 3: Water and Life (11 pgs.)

Chapter 4: Carbon and molecular Diversity of Life (9 pgs.)

Complete Reading Guides for Chapters 1 – 4 in the “e-text.”

- d) The reading guides **can be found on the Google classroom and are also attached to the email.**
- e) You may download, print out the reading guides and complete them or complete them electronically using Notability app. and submit on Classroom.
- f) The best way to complete the reading guides is completing them as you read the chapters.
- g) All reading guides are **due the Monday, August 28th** at the beginning of the class.

4. After reading, you can review each chapter by Selecting the blue tab “Study area” on the top of the course home page and completing the associated virtual activities, self-quizzes, practice tests and videos for the chapters.
 - A. Chapter 1: Complete all activities under Concept 1.1, and Chapter Review
 - B. Chapter 2: Chapter Review
 - C. Chapter 3: Chapter Review
 - D. Chapter 4: Activity “Diversity of Carbon-Based Molecules”

Part 3 – Complete Mastering Biology online assignments for Chapters 1- 4.

1. Go to www.masteringbiology.com and sign in.
2. On the course home page, click on the tab “Assignments” at the top of the page.
3. Complete all the assignments and quizzes for each chapter.
4. Quizzes can only be attempted once.
5. **All Mastering Biology assignments are due Friday, August 18th by 11:59pm.**

Part 4 - Complete the graphing problem set on Google Classroom and also attached to the email

- h) You may download, print out the Graphing problem Set and complete it or complete it electronically using the Notability app. and submit on Classroom.
- i) Graphing Problem set is **due the Monday, August 28th** at the beginning of the class.

Part 5 - Complete the Curriculum Overview Assignment on Google Classroom and also attached to the email

- j) You may download, print out the Curriculum Overview Assignment and complete it complete it electronically using the Notability app. and submit on Classroom. (You do not have to print out the Appendix part)
- k) Curriculum Overview Assignment is **due the Monday, August 28th** at the beginning of the class.

	Assignments	Due dates
Part 1 - Course set up	Sign up for Remind	Before school is out
	Join Google Classroom	Before school is out
	Register for Mastering Biology	Before school is out
Part 2 - Chapters 1-4	Read chapters on "eText"	8/18/17 online
	Complete Reading guides on Google classroom and attached with email	8/28/17 due beginning of class
Part 3 - Chapters 1-4	Complete Mastering Biology activities and Quizzes	8/18/17 online
Part 4 - Graphs	Complete Graphing Problem Set on Google classroom and attached with email	8/28/18 due beginning of class
Part 5 - Overview	Complete Curriculum Overview Assignment on Google classroom and attached with email	8/28/18 due beginning of class

If you did not receive an email with all the required codes and attachments, please email me at durvasulas@lisd.net