Welcome to AP Biology
Contact: Mrs. Grady gradym@bishopmoore.org.
Summer Assignments 2017

E-Textbook (with MasteringBiology) required for course: Mandatory!
Jane B. Reece; Urry et al.
Biology. 11th.
San Francisco, Ca: Pearson Benjamin Cummings, 2014
ISBN: TBA (this is ‘bundled’ with MasteringBiology) If you purchase a hardcover book without MasteringBiology, you can purchase it separately from Pearson. You MUST have MasteringBiology to take this course!

Lab Book: AP® Biology Investigative Labs: An Inquiry-Based Approach (2nd printing). Mandatory! Please note that you will need to access the College Board store to purchase this lab manual (http://store.collegeboard.com/sto/enter.do). Do NOT purchase this used!!!
ITEM #: 130085374

ISBN 13: TBD for 11th
ISBN 10: TBD for 11th

ISBN 13: TBD for 11th
ISBN 10: TBD for 11th

You have made an important decision and commitment in taking AP Biology!

This journey will be a challenge, and will be extremely fast paced. This is a commitment on your part, but will be very rewarding! AP Biology is a college level course, and should be taken seriously. AP Biology will require an allocation of time and effort on your part, requiring a minimum of 6 hours per week outside of the classroom.

This summer assignment has been designed for several purposes:
1. To get you to think during those summer months to keep your mind sharp, because I will expect a lot out of it come August!
2. To introduce you to major concepts from AP Biology through non-classroom methods of learning.
3. To have you earn a few strong grades to help you begin the first quarter with confidence.
4. To decrease the amount of new material that you will have to learn during the school year.
5. You will have a unit test in week 2.

Summer Assignment #1

LETTER OF INTRODUCTION

Since we will be spending a lot of time together next year, it’s best if I get a head start on getting to know you! Also we will use the Internet and the Web a lot next year for this course, so let’s get you used to communicating via e-mail. This is worth points! This letter of introduction must be in by the due date – no excuses!

Due date: Monday June 19, 2017

Draft an e-mail to me using the following rules:

• Use clearly written, complete sentence. Do not abbreviate words like you are ‘texting’ with a friend. Use spell check! This is a professional communication like you would have with college professor, so let’s practice for your rapidly nearing future!
• Address it to me at: gradym@bishopmoore.org
• Make the Subject: “AP Bio: Introduction to <Insert Your Name Here>” (Do not include the quote marks or the brackets, just the words)
• Begin the e-mail with a formal salutation, such as “Dear Mrs. Grady,”
• Now introduce yourself (your name) and tell me a little bit about yourself, like: What do you like to do (hobbies, sports, music, interests, etc.)? Do you have a job? Tell me a little bit about your family (Mom? Dad? Guardian? Siblings? Pets?)
• What was your favorite material from your earlier biology class? What did you like the most? The least?
• What was the last book you read for fun?
• What are you looking forward to the most in AP Biology?
• What are you most anxious about in AP Biology?
• End the e-mail with a formal closing: “Cordially”, “Sincerely”, “Warm regards”, etc. and add your name as if you signed a letter.
Summer Assignment #2

Textbook Reading

Please read the following Chapters and complete the Guided Readings found on the Campbell website, or my website if you are not able to find them on Campbell. The guided readings will be graded and will count towards your first quarter grade! This unit is approximately 100 pages, and you have plenty of time to complete each chapter – don’t wait until the last minute!

Each of these Guided Readings is worth 20 points, and due the first day of class. You will NOT receive credit if you do not turn these in the first day (or before)!!! There are NO excuses for missing work!

Unit 8—Ecology/Animal Behavior

Chapter 51: Animal Behavior
Complete Active Reading: use complete sentences when applicable, using terminology from the chapter!

Chapter 52: An Introduction to Ecology and the Biosphere
Complete Active Reading: use complete sentences when applicable, using terminology from the chapter!

Chapter 53: Population Ecology
Complete Active Reading: use complete sentences when applicable, using terminology from the chapter!

Chapter 54: Community Ecology
Complete Active Reading: use complete sentences when applicable, using terminology from the chapter!

Chapter 55: Ecosystems and Restoration Ecology
Complete Active Reading: use complete sentences when applicable, using terminology from the chapter!

Chapter 56: Conservation Biology and Global Change
Complete Active Reading: use complete sentences when applicable, using terminology from the chapter!
Summer Assignment #3

On-line daily assignments, videos and tests

This portion of the summer assignment will help you understand material as you go through the chapters. You can access once you sign on to Mastering Biology. If you have never used MasteringBiology, you will need to complete the Introduction to Mastering assignment.

I will have ‘videos’ in the ‘video/lecture’ section of Mastering website (if schoology not available). Please view these and take notes. These videos will prepare you for class in August.

There will be on-line tests that are timed. Please take them only when you feel you are ready! You should take them after you have read the chapter, take notes, completed the daily assessments for the chapter and you have a quiet period of time! Once you have started the test, you must complete – you can’t go back and restart!

Good Luck, and have a blessed and safe summer!