Welcome to AP Biology
Contact: Mrs. Grady  gradym@bishopmoore.org.
Summer Assignments
2022

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 for best results, 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, and start out with knowledge on the Ecology Unit.
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.

Due date: Monday June 27, 2022

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 in the Schoology Group. 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**.

I have included videos for the chapters, and these should help review material so we can get started as soon as resume in August!

**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!

I hope you have a blessed and safe summer – see you soon!