

Assignment # 1

Letter of Introduction (15 pts)

Welcome to AP Biology!

We are going to spend a lot of time together next year, so it's best if I get a head start on learning a bit about 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 with me via e-mail and the google classroom.

To join the google classroom the code for the class : [6k5z3ur](#)

1.

To find it google "google classrooms" and ask to join the class by entering the above code.

2. Your first digital assignment is to successfully send me an e-mail. **Due Sunday June 28, 2020, before 8pm.**

Draft an e-mail to me following these rules:

- a. Use clearly written, full sentences. Do not abbreviate words like you are on AIM with a friend. Use spell check! This is a professional communication like you would have with a college professor, so let's practice for your rapidly nearing future!
- b. Address it to me at: **bhale@upperdarbysd.org**
- c. Make the subject: "AP bio. Introduction to <insert name here>" (Do not use quotes or brackets, just the words)
- d. Begin the e-mail with a formal salutation, like "Ms. Hale" or "Dear Ms. Hale"
- e. Now begin to introduce yourself (your name) and tell me a little bit about yourself, like:
 - a. What do you like to do (hobbies, sports, music, interest, etc)?
 - b. Do you have a job?
 - c. Tell me a little bit about your family (Mom?Dad?Guardian?Siblings?Pets?) What do your parents do for a living?
 - d. Was there anything that you liked about your earlier biology class?
 - e. What was the last book you read for fun?
 - f. What are you looking forward to the most in AP Biology?
 - g. What are you most anxious about in AP Biology?
 - h. What are your goals for the future?
 - i. Are you taking other AP classes this year?
- f. End the e-mail with a formal closing: "Cordially", "Sincerely", "Warm regards", etc. and add your name as if you signed a letter.

Assignment # 2 (65 pts)

**** YOU ONLY NEED TO PRINT THE LAST 4-5 PAGES; THE ANSWER SHEET****

Ecology Unit. Complete the ecology study guide packet. It will be due the first full day of class. It needs to be complete for all chapters. You may use other resources to help answer the interactive questions in the reading sections. You have to complete **ONLY** questions listed/indicated on the answer sheet.

You should also visit <http://www.bozemanscience.com/ap-biology/> here you will find a lot of useful information for AP Biology. You are required to watch his videos under AP Practices; you will be expected to be familiar with this material.

To help with the ecology packet you can watch videos : 20, 46, 47, 49, 50, 51, 54, and 55. He will explain the concepts for you.

You should also watch Lab 11 – Animal behavior lab- we will do this the first week of school.

Assignment # 3- Crash course (5 pts each video assignment)

Use the list of Crash course videos to complete the worksheets given, they should be done about once every two weeks to use your time efficiently. I will be posting questions on the google classroom related to the videos on the dates in the chart below, they will be expected to be answered by the due date posted.

Post Dates	Video title	DUE DATE
7/3	“History of Life on Earth – Crash Course Ecology #1” (Just watch)	7/14
7/3	“Population Ecology: The Texas Mosquito Mystery- Crash Course Ecology #2	7/14
7/3	“Human Population growth- Crash Course Ecology #3” -(Just Watch)	7/14
7/17	Community Ecology: Feel the Love Crash Course Ecology #4”	7/28
7/17	“Community Ecology II: Predators- Crash Course Ecology #5”	7/28
7/17	“Ecological Succession: Change is Good- Crash Course Ecology #6”	7/28
7/31	“Ecosystem Ecology: Links in the Chain- Crash Course Ecology #7”	8/11
7/31	“The Hydrologic and Carbon Cycles: Always Recycle- Crash Course Ecology #8”	8/11
7/31	“Nitrogen and Phosphorus Cycles: Always recycle Part 2- Crash Course Ecology #9”	8/11
8/7	“5 Human Impacts on the environment: Crash Course - (Just Watch)	
8/7	“ Pollution: Crash Course Ecology #11” -- (Just Watch)	
8/7	Conservation and Restoration Ecology: Crash Course Ecology #12” - - (Just Watch)	