

Dear AP Environmental Science Team Member!

I am so excited for our AP environmental science course for the upcoming fall! In order to get everyone in a good position to take the AP exam next May 2026, there are a few assignments that need to be completed prior to coming back in September!

I will be using my YouTube channel: <https://www.youtube.com/@mollyjaffe1793/videos> to post all Sticky Note Lectures. This entire assignment is due the first day of school and worth 50 points. You must have your book with all Sticky Notes in the book to be checked off. Please make sure your book is covered by the first day of school as well! You must also have a packet that is either typed or handwritten which includes all appropriate work. Please make sure to have a title page with your first and last name printed clearly.

* Please note if this assignment is late there will be a 10% deduction in late points per day.*

I hope that you have some fun and also learn something new as you complete this assignment. This is what will be expected of you...none of this work is for NOTHING...it all has meaning and purpose!

The official checklist:

- ☐ Module 0- Case Study and Science Skills Questions
- ☐ Module 0- Sticky Note lecture ***YOU NEED POST ITS...THE ACTUAL POST IT BRAND TO COMPLETE THIS***
- ☐ Module 0- Do the Math problems
- ☐ Unit 1- Case Study and Science Skills Questions
- ☐ Module 1- Sticky Note lecture
- ☐ Module 1- 5 MC questions and Free Response Question (FRQ)
- ☐ Module 2- Sticky Note lecture
- ☐ Module 2- 7 MC questions and 2 FRQs
- ☐ Module 2- Do the Math problems
- ☐ Module 3- Sticky Note lecture
- ☐ Module 3- 5 MC questions and FRQ
- ☐ Module 4- Sticky Note lecture
- ☐ Module 4- 6 MC questions and FRQ
- ☐ Module 5- Sticky Note lecture
- ☐ Module 5- 5 MC questions and FRQ
- ☐ Module 5- Do the Math Practice problems

Sincerely,

Mrs. Jaffe

Please make sure that every section is labeled and completed for full credit. You can type or handwrite. You must show all your work for math problems. If you choose to type your answers please make sure it is printed prior to the start of class on the first day of school. All sticky notes should be adhered to your book prior to the start of class.

Module O- What is Environmental Science- Case Study

- 1) Please read the case study: The Global Pandemic Was a Global Environmental Science Event Too.
- 2) Please follow the directions on the last page where you will practice your science skills
 - a) Please complete all three questions
 - b) Make sure it is typed or handwritten with your questions and the answers

Module O-What is Environmental Science

- 1) Your task is to first go to the learning goals on page 14 and 15 to understand what this section of the reading will entail.
- 2) You should first TRY to read from big heading to big heading and then follow along with my sticky note lecture and do it with me!
- 3) To get full credit for sticky note lectures, you must complete the appropriate sticky notes and then bring your book to class when I do Sticky note checks.

REALLY IMPORTANT!!! PLEASE ONLY USE POST-IT NOTE BRAND (BECAUSE THE GLUE IS THE PERFECT CONSISTENCY) AND ALSO NO BRIGHT COLORS BECAUSE IT WILL LEAK IN YOUR BOOK...NO HOT PINK, HOT GREEN...JUST PLEASE USE THE SUBDUED COLORS

Module 0- Do the Math Practice Problem

Please complete the DO THE MATH- Range of Electric Vehicles assignment from Page 13 of Module 0

- 1) Make sure to show all your work
- 2) Make sure to have appropriate units at the end
- 3) Round to the nearest whole number

Unit 1- The Living World: Ecosystems- Case Study- Growing Grapes to Make Fine Wines

- 1) Please read the case study attached and answer the questions under: Practice Your Science Skills (Questions 1-3)
- 2) Make sure these answers are in full sentences and all 3 are answered

Module 1- Introduction to Ecosystems

- 1)- Please read the learning goals on page 27-28 prior to reading and sticky note taking
- 2)-Please use my video to do your STICKY notes/ remember to read heading to heading before you watch my section!
- 3) Please complete the 5 MC AP practice questions found on page 28 and the Free Response Question
- 4)Make sure your questions with the answer and your work for the FRQ are attached.

Module 2- Terrestrial Biomes

- 1)- Please read the learning goals on page 41 prior to reading and sticky note taking
- 2)-Please use my video to do your STICKY notes/ remember to read heading to heading before you watch my section!
- 3) Please complete the 7 MC AP practice questions found on page 42-43 and the 2 Free Response Questions
- 4)Make sure your questions with the answer and your work for the FRQ are attached.

Module 2- Do the Math Problems

- 1) Please complete the DO THE MATH- Organic Matter Inputs Amount Terrestrial Biomes on page 38
- 2) Please complete QUESTION 1 and 2 of Practice Math and Graphing (Pages 41-42)
- 3)For all three math problems YOU MUST SHOW ALL YOUR WORK!

Module 3- Aquatic Biomes

- 1)- Please read the learning goals on page 50 prior to reading and sticky note taking
- 2)-Please use my video to do your STICKY notes/ remember to read heading to heading before you watch my section!
- 3) Please complete the 5 MC AP practice questions found on page 50-51 and the Free Response Question on 51
- 4) Make sure your questions with the answer and your work for the FRQ are attached.

Module 4- The Carbon and Nitrogen Cycles

- 1)- Please read the learning goals on page 57 prior to reading and sticky note taking
- 2)-Please use my video to do your STICKY notes/ remember to read heading to heading before you watch my section!
- 3) Please complete the 6 MC AP practice questions found on page 58 and the Free Response Question on 58
- 4) Make sure your questions with the answer and your work for the FRQ are attached.

Module 5- DO the MATH practice problems

- 1) Please complete the DO THE MATH- Measuring inputs of Nitrogen and Phosphorus in an Urban Environment on page 62
- 2) Please complete the DO THE MATH- Raising Mangoes on page 64
- 2) Please complete QUESTION 1 and 2 of Practice Math and Graphing (Page 65)

For all four math problems YOU MUST SHOW ALL YOUR WORK! TAKE A PICTURE AND UPLOAD!

Module 5- The Phosphorus and Hydrologic (Water) cycles

- 1)- Please read the learning goals on page 65 prior to reading and sticky note taking
- 2)-Please use my video to do your STICKY notes/ remember to read heading to heading before you watch my section!
- 3) Please complete the 5 MC AP practice questions found on page 65-66 and the Free Response Question on 66
- 4) Make sure your questions with the answer and your work for the FRQ are attached.