

AP Summer Assignments

2023

AP Environmental

Welcome to AP Environmental Science (APES). There are two parts to your summer assignment.

1) You will be quizzed on Laws and Acts on the first real day of class. If you provide flash cards for all 10 laws, you can receive up to 10 points (not exceeding 100) on this quiz.

- a) This material is on the AP Test, but we will not have time to specifically cover each of them.
- b) You will be required to provide for 5 laws or acts (your choice from the list of 10)
 - i) Name
 - ii) Date
 - iii) What it did

- Clean Air Act
- Clean Water Act
- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Resource Conservation and Recovery Act (RCRA)
- Montreal Protocol
- Kyoto Protocol
- Endangered Species Act
- Safe Drinking Water Act (SDWA)
- Delany Clause

2) Environmental Science Basics Problem

a) Background knowledge -**we will do a brief discussion on the first day of class after Laws quiz. Then you will have a quiz on the background knowledge the next class day.**

- i) 1st law of thermodynamics (conservation of energy)
- ii) 2nd Law of thermodynamics (entropy)
- iii) photosynthesis and cellular respiration
- iv) Radioactive decay (half-life)

b) What is Environmental Science? - **we will have a discussion on the next two sections on the second and third day of class. Expect your first reading quiz on the fourth day (natural selection and evolution).**

- i) Multidisciplinary
- ii) Centric Values
 - (1) Anthro
 - (2) Economic
 - (3) Intrinsic

c) Most pressing issues in environmental science - **be able to answer these questions during our discussion.**

- i) What do you think is the most pressing issue in environmental science and why?
- ii) Describe one solution to this issue.

AP Biology

Welcome to AP Biology!

Congratulations on getting into AP Biology! This document includes instructions for assignments that are to be completed over the summer in preparation for beginning the course in the fall. These assignments cover Unit 1 of the course: Introduction and the Chemistry of Life. Most of these initial assignments involve chemistry, with which you should be somewhat familiar. We will have a test on unit 1 within the first 2 weeks of school in August. It is important to note that we will spend very little time in class reviewing this material – so you should study these chapters and do these assignments accordingly. *And remember – an AP course is supposed to be college level, so I will expect well-thought-out and well-written answers and explanations.*

Some of these assignments are presented in the form of “PDQs” – **Pre-Discussion Questions**. [They are Prezis based on the textbook for the course](#). They are designed to focus your attention on some of the important aspects of each chapter. PDQs will be made available for each unit that we study, usually from one to a few per chapter. PDQs may take the form of writing definitions, explaining concepts, describing or characterizing topics, or filling in tables. The PDQs for each unit will help you prepare for the unit test *as well as for the AP exam in the spring of 2024*.

The PDQs for this first unit are to be completed neatly and submitted in a well-organized manner on this very [Google Doc](#) (**this assignment may take up to 2.5 hours**). **They are to represent your own work, without collaboration from other students. This Summer Assignment will be collected and checked on the first full day of school.**

Good luck, and enjoy your summer! Please contact me if you have any questions.

Mr Bostick

AP Seminar

Part I -

Please read: *Who Ate the First Oyster? The Extraordinary People Behind the Greatest Firsts in History* by Cody Cassidy

- Write reading notes for each chapter
- Include a quote that epitomizes each chapter. Please cite according to MLA (in-text citation): https://owl.purdue.edu/owl/research_and_citation/mla_style/mla_formatting_and_style_guide/mla_formatting_quotations.html

Part II -

Current Events: In order to generate research questions and ensure accuracy in your arguments, you will need to be knowledgeable about current local, national, and international issues; therefore, you need to establish a routine of checking the news daily.

1. There are countless options for obtaining news. You will be required to access a minimum of four different types of sources for this information, which will include a periodical (newspaper or magazine), television, radio/podcasts, and another of your choice. Your fourth source can be one of those listed or one not listed.
2. You are to research at least one local event, one national event, and one international event. Your fourth event can be any one of those.
3. Since you are choosing four recent events, one needs to be covered in a periodical, one needs to be covered on television, one needs to be from a podcast and/or the radio, and the last one needs to be from another one of those sources or from another one not listed. (Please be sure that the fourth source you choose is a credible source. Please contact me if you have questions about this – kfennell@theburlingtonschool.org)

Assignment:

- Choose four recent events (total) that interest you and record the following:
 1. Synopsis of each event (8-10 sentences, minimum). Remember: one event has to be local, one event has to be national, and one event has to be international. The fourth event can be of your choice.
 2. Title, author, date published/broadcast (should be published/broadcast within the last few months), and accessible source for each event.
 - a. Be sure to include the method by which you will check the news (e.g., periodical, television, podcast). Be specific, listing the source and/or specific url to the information.
 3. Brief description as to why each particular event interests you (8-10 sentences each, minimum).
 - a. Do not just say “because it is interesting.” Rather, elaborate! Why is it interesting? Does it align with a particular interest of yours? Does it spark further questions you would want to explore? Does it elicit a specific emotion? Explain thoroughly.
- Finally, which type of source did you find the most helpful, easy to access, and most interesting to delve into? Why? Explain thoroughly (8-10 sentences).

AP English Literature

Please read: How to Read Literature Like a Professor by Thomas C. Foster + one other selected novel.

Write reading notes + answer these four questions:

- (1) How do memory, symbol, and pattern affect the reading of literature;**
- (2) List the five aspects of the QUEST and then apply them to your summer reading novel;**
- (3) Assume that Foster is right and “it is all political.” Use his criteria to show that your novel is political;**
- (4) Discuss at least four different aspects of your novel that Foster would classify under “geography.”**

Novels to choose from (do not read one you’ve read previously, or for an English class):

- The Awakening, Kate Chopin;**
- The Sound and the Fury, William Faulkner;**
- Native Son, Richard Wright;**
- Middlemarch, George Eliot;**
- The Kite Runner, Khaled Hosseini;**
- A Fine Balance, Rohinton Mistry;**
- The Poisonwood Bible, Barbara Kingsolver**

AP Euro
AP European History Summer 2023 Assignment

Welcome to AP European history! I am excited to be taking you on this journey through the history of Europe next school year. We will cover a great deal of material next year, so in order to get a jump on it, I am asking you all to do the following before the first day of class.

Map practice assignment.

Go to the link below and select Level 3 Intermediate in the “countries” column. Play the map quiz game. When you finish, you can click on the “check scores” link to see how you did.

When you achieve a score of over 92% with an average error distance of less than 45 miles print the score page, sign it and bring it to me.

http://www.sheppardsoftware.com/European_Geography.htm

Hint: I would recommend practicing with Levels 1 and 2 first and “learn the countries of Europe” tutorial. The goal is to familiarize yourself with the countries of Europe. If you simply look at a map and copy, it will not help you much.

This will count as a quiz grade. Failure to turn it in on your return to school will result in a zero quiz grade.

Geography of Europe

Look at the powerpoint that I have shared with you. Pay attention to the different areas of Europe and familiarize yourself with the geography of Europe

<https://docs.google.com/presentation/d/15QXw292CG1Jueuv5W-4ZcGwNcaXbHaDS3WVlQnzuJgA/edit#slide=id.p3>

Watch “Crash Course European History Preview” and answer the following:

<https://thecrashcourse.com/courses/crash-course-european-history-preview/>

Provide some examples for why “Europe” is a made-up idea.

Provide some specific examples for why “Europe” is, nevertheless, real.

Watch “Crash Course Medieval Europe” and summarize it in ten bullet points.

<https://thecrashcourse.com/courses/medieval-europe-crash-course-european-history-1/>

Late Middle Ages Reading Selections

Please read each section and answer the questions:

“The Road of Death and Destruction” in Peter Frankopan, *The Silk Road*.

- 1) What were some ways that people responded to the Black Death?
- 2) How was the Black Death a “catalyst for social and economic change”?

“Lutherans Long Before Luther” in Thomas Cahill, *Heretics and Heroes*.

- 3) Why did the peasants revolt?
- 4) What did the Lollards want?

*I would recommend that you print out the readings. Annotate as you read. Underline key terms; make an outline in the margins; circle and look up words you do not know.

ID Terms

Using both the videos and the selections above, define the terms below. For each term define who or what it is and why it is important. You may use phrases or complete sentences in your definitions.

1. Black Death
2. 100 Years War
3. Joan of Arc
4. Parliament
5. Great Schism
6. Babylonian Captivity
7. Lollards
8. John Wyclif
9. Jan Hus
10. English Peasants' Revolt of 1381 (Wat Tyler's Rebellion)
11. vernacular
12. Guilds

You will have a quiz on these terms during the first week of school!

AP Spanish

Below is information regarding your summer assignment:

Sign up for Garbanzo using the following link: gbnz.io/JZL5SRYI

Be sure to log in using your TBS Gmail account!

Join our class using this code: [ABEJA-JZL5SRYI](#)

Through Garbanzo, you have been given 12 assignments related to the major themes to be discussed throughout our AP Spanish course. Each assignment should take no longer than 15 minutes.

I highly recommend that you complete one assignment per week in order to maintain your exposure to the Spanish language. All assignments are due by 11:59pm on August 15th.

If you have any issues logging into Garbanzo, please contact me immediately!

