



WELCOME TO THE WONDERFUL WORLD OF APES!



CLASSROOM: 4-123

TUTORING HOURS: Available after school, please arrange a time with me since I also coach girls JV & Varsity Volleyball. Oh yeah and I have a 8 year old, a 4 year old, 2 year old and a 5 month old!! Also you need to come to tutoring with specific questions, this is NOT a time to reteach the whole lesson/chapter.

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TEXTBOOK: Friedland and Relyea, AP Environmental Science, 2nd Edition,

INTRODUCTION

The **AP Environmental Science Course (APES)** is designed to be the equivalent of a one-semester introductory college course in environmental science. Unlike most other college science courses, environmental science is offered from a wide variety of departments including geology, biology, chemistry, physics, geography and environmental studies. This AP course has been developed to provide you with an integrated approach to the numerous disciplines involved in environmental sciences, and to incorporate many lab components, as well as social and political themes.

Some words of advice: **READ** your assignments, **WRITE** your essays well. **LISTEN** and take notes in class, **PARTICIPATE** in all lab experiments. The pace will be fast in order to complete the course by **Friday, May 14th 2021, at noon** for the AP Exam test date. **BEST OF LUCK TO ALL OF YOU.**

COURSE DESCRIPTION

The APES course is to provide students with the scientific principle, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. There are several unifying constructs or themes that provide the foundation for this course.

Unit 1-The Living World-Ecosystems-Ch. 1,3,4

Unit 2-The Living World-Biodiversity-Ch. 1,3,5,6,10

Unit 3-Populations-Ch. 5,6,7

Unit 4-Earth Systems and Resources-Ch. 3,4,8

Unit 5-Land and Water Use-Ch.9,10,11

Unit 6-Energy Resources and Consumption-Ch.9,12,13

Unit 7-Atmospheric Pollution-Ch.12,14,15

Unit 8-Aquatic and Terrestrial Pollution-Ch.8,14,16,17

Unit 9-Global Change-Ch.4,10,15,18,19

THE AP ENVIRONMENTAL EXAM

The A.P Environmental Science Exam, created by the College Board and Educational Testing Service, will be **Friday, May 14th 2021, at noon.** This exam is three hours in length and consist of two parts: a 80 Multiple Choice Question Section that you will be given 90 minutes to complete, which makes up 60% of the grade and a Free Response Section made up of 3 FRQs that you will be given 90 minutes to complete, which makes up 40% of the grade.

****All students are expected to take the exam.****

CLASS FORMAT

1. Lecture focusing on ecological concepts and relationships
2. Classroom discussions are used to elucidate concepts and to analyze data
3. Field Work/Field Trips: field trips and collecting
4. Laboratory analysis and identification of data and laboratory experiments
5. Power Point, videos, internet simulations, student projects, scrapbook, earth journal

NO LATE WORK WILL BE ACCEPTED* unless there is an excused absence. A project is due the date I tell you, if you know you are going to be absent the day it is due, than you need to turn it in the day before, **NO EXCEPTIONS!!**

MATERIALS

- Pencils/Pens/Markers/Paper/Highlighters
- USB flash drive
- AVID-3-Ring Binder-You are required to keep a **AP Environmental Science Interactive Notebook** section in this school wide binder
- TABS for my class for each unit section above!!

GRADING

I grade on a point system, every assignment will have a value. It is very simple to keep up with your grade by using this system. Homework is due at the beginning of the class before the bell rings, otherwise it's late.

How to figure out your grade:

$$\frac{\text{Total Points Earned}}{\text{Total Points Possible}} * 100 = \text{your grade}$$

EXPECTATIONS

1. Put forth your best effort at all times
2. Follow all class/school rules
3. Learn and have fun in class while maintaining your composure in class.
4. Be prompt, Be prepared, Be proactive, Be polite, Put It BACK!

MAKE UP WORK

IT IS YOUR RESPONSIBILITY FOR GETTING AND TURNING IN ASSIGNMENTS WHEN ABSENT. **If you are absent on the day an assignment is due, it must be turned in the day you return.** Make-up assignments will not be graded if the words ABSENT and the date are not written at the top of the page.

MAKE-UP LABS/TESTS

In the event that you miss a lab, you will be given a alternate assignment to complete.

Students will be expected to **take tests on the scheduled day** even if an absence occurs on review day. Test dates are posted prior to review days.

If you are absent for one day, you get one day to turn the work in, and so on. (Pinellas County School Board Policy)

FIELD TRIPS

Field trips are a very important part of an effective, hands-on, fun AP Environmental Science Course. Students will be required to complete a permission slip for EACH of the field trips. In most cases, students will be asked to pay for the field trips to cover the costs of admission, buses, etc. Field trips will occur during the school day and typically we will return by 2:00. Your ability to participate in field trips does depend on your work in other classes. Students need to show that they are responsible enough to miss school for the day by being up-to-date on assignments with other classes.

HOW TO BE SUCCESSFUL IN THIS COURSE:

- Read the assigned text
- Do your homework
- Take notes
- Use your resources
- Come to class (virtual students are expected to log in during normal class time)
- Do your own work, and do it to the best of your ability
- Think about the big picture
- Practice math without a calculator

Remember this is a college level class with very high expectations. Mrs. Iovino

I _____ have read and understand my responsibilities as a student in Mrs. Iovino's class. I accept any consequences that are placed upon me due to my behavior. By signing this oath, excuses such as "I didn't know" or "You never explained that" pertaining to any expectation, policy or procedure written in this sheet will be null and void.

- School Board policy requires that students who do not sit for the AP exam are assigned an F as their final exam grade.

Student name _____ Student Signature _____ Date _____

Parent/Guardian Name: _____

Parent/ Guardian Signature: _____

Date: _____

Parents please include your e-mail/ contact information to allow easy communication:

Daytime phone number: _____

Evening phone number: _____

Email: _____

Thank you and I look forward to a GREAT/FUN year.

Mrs. Iovino

ACADEMIC INTEGRITY AGREEMENT

What is Academic Integrity?

Academic integrity refers to the ethical and moral standards that govern an academic community. Students who uphold academic integrity have grades that reflect their comprehension of material, which allows teachers to provide clarification as needed.

Academic Integrity and Group Work

Many activities are completed in groups. While students in the same group may have the same resources, there should be evidence of individual analysis in each student's response. Working in a group with another person does not justify identical answers on labs or group assignments.

Behaviors in Violation of Academic Integrity

Below are examples of behaviors that are in violation of academic integrity. This is not meant to be an exhaustive list of dishonest behavior, but a list of common examples of behaviors that are not permitted. Please ask your teacher if you are unsure if a certain behavior violates academic integrity.

1. **Cheating - A deliberate act of dishonesty to gain an advantage. Examples include:**

- Copying or providing answers from/to another student
- Using materials not permitted by the teacher (cheat sheets)
- Completing work for someone else or having someone else complete your work
- Submitting assignments completed for previous classes
- Using technology (Airdrop, texting, etc.) to share work with others

2. **Plagiarism-The act of using another person or persons' work or ideas without consent or proper citation. Examples include:**

- Direct copying of information from **ANY** resource.
- Copying and pasting information from a webpage.
- Use of pictures, data tables, graphs, etc. without citation
- Submitting a paper, project, or other assignment completed by another person

3. **Unauthorized Collaboration-Working with others without instructor approval. Examples include:**

- Working with another student when an assignment is described as "individual work"
- Collaborating with others on tests or quizzes
- Copying answers to conclusions questions for lab or group work

4. **Alteration of Materials/Forgery**-The intentional manipulation of materials collected and/or graded.

- Changing a grade written on a paper
- Placing your name on another student's assignment
- Forgery of a parent/guardian/teacher/school staff member's signature

5. **Theft**-Possession of material not belonging to you or not authorized to be in your possession.

To Avoid Academic Dishonesty

- Place quotation marks around phrases or sentences used directly from a resource, then cite the resource
- Reword or paraphrase material and cite the resource used
- DO NOT provide your work to others in any format (paper, verbally or electronic)

Plagiarism Checking

Teachers will be using Canvas this year as a tool to facilitate virtual learning. Canvas has a Plagiarism checking feature embedded in its' software called Unicheck. *"Unicheck is a plagiarism checker. Unicheck compares submitted documents with the Internet and the Unicheck Institutional Library."*

NETIQUETTE AGREEMENT

When working virtually in an academic setting, you should communicate with others as you would in person. Netiquette is a set of guidelines on how to behave and respond to others while working virtually. Here are some areas that you should consider:

1. **Respect:** Whenever communicating online, whether in a group discussion, online written collaboration, or blog, the key is to show respect to all participants. One of the challenges to online communication is the myth that “I can say anything I want because it is not face-to-face (or it is anonymous)”.
 - In an academic setting, everything is connected to your name and account, so it is not anonymous and it is permanent.
 - If you wouldn't say it to someone face-to-face, don't say it online either.
 - It is essential to be respectful of your peers' and teachers' opinions and feelings, even if they are different from your own.

2. **Language:** Sometimes, the way we communicate our opinion online can have a very different effect than if it is done face-to-face. Online, it is much harder to interpret body language and facial expressions – especially now with masks. A good rule is to read over out loud what you intend to post to see how it sounds prior to posting it. Avoid:
 - Profanity
 - All-caps (indicating yelling)
 - Violent expressions
 - Rudeness
 - Excessive (or lack of) punctuation
 - Slang terms
 - Inappropriate emojis

3. **Clarity:** When engaging in written collaboration online, it is important to be as clear as possible – using formal writing rules such as:
 - Proper spelling
 - Complete sentences
 - Format proper for the task
 - Keeping the audience in mind

Text-speak and abbreviations **do not** belong in academic work; your written communication should display professional standards.

4. **Humor and Sarcasm:** You may have discovered during this pandemic, that using cute GIFs, emoticons, or jokes can lighten the mood, but you need to be aware of the line between humorous and hurtful, especially when collaborating with your peers on class assignments. Just as sarcasm can be hurtful in person, so can it be online. So, be careful that humor is used appropriately and not aimed toward hurting another.

