

AP ENVIRONMENTAL SCIENCE 2021-2022

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Welcome to APES! This class will cover major environmental topics such as acid rain, biodiversity, climate change, energy, the atmosphere, water, soil, human populations, and pollution. Because this class is Environmental SCIENCE and not Environmental Studies, it will have a large laboratory and field investigation component. This allows you, the student, to learn about the environment through firsthand observation. At times we will be going off campus for our studies. Parents should be aware that their student will be leaving campus periodically as part of the course.

Furthermore, this is an Advanced Placement science course which allows you the opportunity to earn 3 hours of college credit by earning a 3, 4 or 5 on the exam administered in May. We will work together throughout the year so that you will have the skills and knowledge required to earn credit.

You are part of a generation with the responsibility to do something amazing! It is my belief that this is one of the most relevant and important classes you will take because it addresses issues you will face throughout your life. You are living in a phenomenal age of technology and enlightenment. I hope that what you learn in APES will inspire you to be the trailblazers, the inventors and the advocates for all other life. So, work hard, learn all you can, use what you know and be the change that makes a difference for our earth!

GRADES

Activities	Percentage
Unit Tests / Projects / Term Journal	60%
Labs / Practice Writing Assignments	30%
Reading Quizzes / Lecture Videos / Note Checks	10%
Required Materials	
<ul style="list-style-type: none">• Computer Access / Internet Access• District issued laptop or equivalent• Textbook: <u>Exploring Environmental Science for AP</u> by G. Tyler Miller & Scott E. Spoolman	

COURSE WORK:

Labs: Students will complete lab write-ups in their lab notebook (OneNote Class Notebook). A lab report rubric will be given to the students prior to the due date of the lab.

Homework: Students will be required to complete homework outside of class. Homework may consist of reading portions of the textbook and taking notes, watching videos or completing course work not completed in class.

Quizzes: Students will take short in-class quizzes over assigned reading sections, lecture content, and lab information. Quizzes will be completed online through Canvas or AP Classroom. Per district policy, students may make corrections to quizzes up to a 70.

Note Checks: Students will bring their notes to class the day before an exam for a "note check". Note checks will be graded on completion and will be worth a daily work grade.

Term Journals: Term journals will be submitted on paper and will count as a major grade for the term period. Please refer to the APES Journal Rubric for assignment details and due dates.

AP Classroom assignments Students will be *required* to use College Board's AP Classroom software to complete personal progress checks, formative assessment questions, unit exams and benchmarks.

CLASSROOM POLICIES:

Make-Up Work- Students receive 1 day per absence to turn in make-up work. Refer to the "Week at-a-glance" in Canvas to ensure all assignments are completed after an absence.

Missed Tests and FRQ's- If a student returns to class the day after the test is given, the student will be expected to take the test in class that day. Otherwise, you must schedule a time to make up the test. This must be done within 3 days of the test. If tests are not made up within the 3-day window, the student will forfeit any opportunity to make corrections to their test.

PHS Late Work Policy for Pre-AP/AP Classes:

Students may turn in assignments 2 days past the original due date to receive a grade up to a 70.

Chronic abuse is equivalent to more than three late assignments during any one nine-week grading period and may result in additional consequences.

Extenuating circumstances may occur that are out of the control of the student which may prevent him/her from completing and returning homework assignments. The student is to inform the teacher of any such circumstances that prevented the completion of the assignment. Teachers may grant exceptions to this regulation as necessary.

Long-term projects and term papers that are assigned during the semester are due on the announced due date. The due date must be given with at least 2 weeks' notice before the assignment start date. A student who is absent for any reason on the due date, including school business, must meet the deadline.

Cell phones: Cell phone usage in class will be determined by the daily activities. When students can use their cell phones, they must use them for academic purposes only. If the activity does not require the use of a cell phone, students are not allowed to have them visible and all headphones must be removed. Failure to follow the rules will result in the confiscation of the student's cell phone and a \$15 fine for return as determined by the PHS student code of conduct.

Cheating- Copying someone else's work or allowing another to use your work is academically dishonest. Students involved in any form of academic dishonesty will be given a zero for the assignment or test. Parents will be notified, and an office referral may be given.

Student Devices: Students will be required to bring their district device (or equivalent) with them daily. Student devices are expected to be charged and ready for use. These devices will be used to complete daily instruction and without them students may miss out on important educational opportunities.

Behavior- All School and District rules apply.

- Tardiness will be documented in Skyward and will affect your ability to exempt semester exams.
- Quizzes and tests begin at the bell and are timed. *You will not be given extra time if you are late.*
- ID badges must always be worn. Students who do not have an ID badge on will not be allowed to enter the classroom.
- Students must be in dress code as described by the "PHS Student Code of Conduct."
- Respect is key:
 - I respect you as my student and I expect the same in return.
 - I also expect that you respect each other as members of this class.

Test corrections:

- Corrections MUST be completed within 3 days of the test/quiz grade being posted to Skyward.
- Students may make corrections to any test for ½ credit of each question they missed.
- Students who complete test corrections but failed the test will receive no less than a 70 after they have completed corrections.

Quiz Retakes:

- Students may re-take any quiz in class if they made below a 70 on their first attempt.
- If a student scores a 70 or above on their second attempt, the score of 70 will replace their grade in Skyward.
- Quiz re-takes must be completed during tutorial times.

Tutoring - Tutoring is available in person Wednesdays and Thursdays after school from 2:40 – 3:15 pm. Students may also request additional tutorials outside of the normal tutorial window if I am available.

Course Topics

Unit	Description
Unit 0	Safety & Introduction to APES
Unit 1	The Living World: Ecosystems
Unit 2	The Living World: Biodiversity
Unit 3	Earth Systems & Resources
Unit 4	Populations
Unit 5	Land and Water Use
	Semester Exams
Unit 6	Energy Resources and Consumption
Unit 7	Atmospheric Pollution
Unit 8	Aquatic and Terrestrial Pollution
Unit 9	Global Change
	Review for AP Test

AP Exam Information:

Exam registration and payment will occur during the fall semester, additional information will be distributed to students as we receive it from College Board.

The AP exam is: **Tuesday, May 3rd 2022 @ 8am**

A score of 3, 4, 5 will award the student credit for any state funded college in the State of Texas. Credit for out-of-state and private colleges may be awarded based on the college's specific requirements, refer to your anticipated college's registrar for specifics.