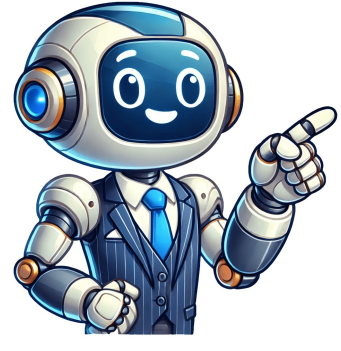We proudly have a 5.0 star rating, the highest available rating on Google. AP Environmental Science is a course offered in high school that is equivalent to a one-semester Environmental Science college course which focuses on topics such as global change and pollution. By taking this course, students are afforded the opportunity to receive college credit in Environmental Science and/or the advantage of taking more advanced courses in college. Students who are wishing to receive college credit from taking this class must score a 3 or higher on the AP Environmental Science Exam in May. This 3-hour exam measures how well students can correctly recall and utilize cumulative knowledge learned in their AP Environmental Science class. Students must apply this knowledge in order to correctly answer both multiple-choice and free-response questions. Calculators are not permitted on the AP Environmental Science Exam. The AP Environmental Science Exam is divided into 2 different sections: Each question will have 4 answer choices. Students will have 1 hour and 30 minutes to complete this section without the use of a calculator. This section is worth 60% of the entire exam. No partial credit will be given for any incorrect answers. Each question will have multiple sub-questions. Students will have 1 hour and 30 minutes to complete this section without the use of a calculator. This section is worth 40% of the entire exam. Partial credit may be given for incorrect answers. Aquatic & Atmospheric Pollution Biodiversity Earth Resources & Systems Ecosystems Energy Consumption & Resources Global Change Land Use Populations Terrestrial Pollution Water Use Both sections are scored together through the use of computers, specially appointed college professors, and experienced AP Environmental Science teachers. This encompasses a student's composite score which is then translated to the 1-5 scoring system by statistical and mathematical processes. Students with a score of 3 or higher will be able to submit their scores to prospective colleges to gain college credit in Environmental Science and/or advanced placement in future college courses. The Glaser Tutoring Company provides the most engaging and encouraging tutoring environment, enabling each student to master the necessary material required for the AP Environmental Science Exam. Learn in your own unique style, from making quick improvements starting with your first session, ultimately leading up to completely understanding the material required to perform well on in-class quizzes and exams, and the AP Environmental Science Exam. See what they have to say See what they have to say Use the menu above to access all of the best AP Environmental Science practice exams, free response questions, notes, videos, and study guides. These online resources will give you more than enough information to do great in your APES course. AP Environmental Science Exam AP Environmental Science an interdisciplinary course that brings together elements from biology, geology, chemistry, geography, and other disciplines that have a bearing on environmental studies. The goal of the course is to teach the scientific principles, concepts, and methods that are required to analyze environmental problems. The focus is on both natural and human-created problems, and on the evaluation of environmental risks and alternative solutions. The course also includes a laboratory and field investigation requirement so that the students have a chance to test principles and concepts from the classroom and explore real world issues with much greater depth. The AP Environmental Science Exam format is: Multiple-Choice : 90 minutes, 60% of final grade -100 multiple choice questions Free-Response: 90 minutes, 40% of final grade -1 data-set question -1 document-based question -2 synthesis and evaluation questions When is the AP Environmental Science Exam? The AP Environmental Science Exam date for the 2022-2023 school year is Tuesday, May 2, 2023 at 8 a.m.. AP Environmental Science | Practice Exams | Free Response | Notes | Videos | Study Guides Share — copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt — remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution — You must give appropriate credit , provide a link to the license, and indicate if changes were made . You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits. You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. All subjects, all ages, including honors and AP. Our teachers are experienced homeschool parents who understand the homeschool community. Full-year, semester, mini-courses, and summer classes to fit your lifestyle. Homeschool, micro-school, charter school, independent, and international students are welcome. Accredited as a learning services provider by the Middle States Association and Western Association of Schools and Colleges. Our mission is to help families everywhere homeschool— in part or in whole—by providing dynamic, engaging online classes that foster a love for learning, promote a growth mindset, and develop personal responsibility in every student. Our live classes encourage active learning – we ask students to keep their cameras on, make comments, raise questions, and contribute to a collaborative environment. We are committed to the continuous professional development of our faculty. We are experienced homeschool parents with expertise in our subject matter. We are laser-focused on student engagement, student achievement, and student well-being. We bring a growth mindset to all we do – we are in pursuit of persistent excellence. We were early adopters of online learning in our own homeschools. We are research-driven. We constantly improve our practice to support greater student success. We are fully accredited. Our core courses and AP classes are NCAA & College Board-approved. Get updates delivered to your email inbox. © 2025 Aim Academy Online,LLC. All rights reserved. AAO is committed to upholding an environment where learning can thrive through respectful, inclusive, and equal treatment of our families, faculty, and students. Discrimination and harassment based on ethnicity, race, religion, citizenship, language, political or other opinion, sex, disability, physical appearance, age, or economic class are strictly prohibited. AP Environmental Science meets twice a week: Tuesdays from 9:00 to 10:30 a.m. OR Thursdays from 3:30 to 5:00 p.m. ET ANDFridays from 12:00 a.m. to 1:00 p.m. ET, for a total of 2.5 hours of instruction. This course is designed to encourage student investigations of science and provide students with the necessary skills to be proficient in Environmental Science. AP Environmental Science is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which we live. There is an urgent need for environmental education. This program provides one way in which students can become aware of the interactions between people and their environment. The course focuses on concepts that are real-life issues. It promotes awareness and understanding of practical everyday problems that affect our lives and relates important environmental issues to the lives of students and their families. This course will provide students with a foundation of understanding, knowledge, and skills to deal effectively with environmental problems such as global warming, acid rain, endangered species, and invasive plants and animals. Students learn a variety of basic laboratory and field techniques, including soil and water sampling. The course incorporates both academic and applied studies that include fieldwork in the student's local area watershed. The structure and function of natural ecosystems, the history of the environmental movement, and the impact of legal, economic, and political systems on environmental concerns are taught. Students also gain a broad awareness of environmental science and technological career opportunities. An emphasis is placed on students using critical thinking and analytical skills to make a positive impact on the environment. Course Structure This course is structured to cover the 9 units, 4 Big Ideas, and 7 Science Practices that are tested on the AP Environmental Science Exam. Labs, textbook readings, videos, homework, and classwork. Each of the topics within the nine units is covered in-depth, and the students will be assessed after completing each topic unit. Students should expect to work independently and be prepared for college-level work. This course requires a significant time investment to cover all the required material. The live classes will consist of hands-on labs, demos, some lectures and class discussion sessions. Outside classwork will include textbook and online readings, worksheets, videos, and online laboratory investigations. Who should enroll? This course is for students enrolled in 10-12th grades. It is recommended that the student has had a basic high school introductory biology course and completed Algebra 1. Technology Requirements High speed, broadband Internet Web cam, sound card, and microphone (for live sessions) Streaming video capabilities to watch recorded lectures and other videos as assigned Computer access Microsoft Word, Excel, and PowerPoint or Google Docs, Sheets, and Slides access Printer Scanner, smart phone, or tablet with ability to scan Evaluation and Feedback All grades will be available in Canvas for students and parents. Assignments will be graded within one week of a submission. Students will be evaluated through performance on quizzes & tests, mini-laboratory investigations, formal lab reports, homework, and independent projects. A progress report will be given mid-semester and at the end of a semester. Parent conferences are available upon request. Mastery Checks (i.e. Quizzes) will comprise 20%, Assessments (Unit Tests & Semester Exam) will comprise 20 % , Labs & Mini-Labs 25%, Assignments 15%, Professionalism 10% & and Projects 10%. Parents and Students may contact me through Canvas. I will respond within 48 hours to all communications. Please do not hesitate to contact me or ask questions. It's often a challenge to study for AP exams, AP Environmental Science included. Because this class covers so many different areas, such as science, law, and current events, it can be tough to keep your notes straight. Whether you're missing some notes or just want them organized more clearly, this guide is for you. Here, we've put together a list of links to AP Environmental Science notes and vocabulary that you can easily browse through to supplement your studying. I'll also go over how to use these notes and wrap up with some tips to help make your prep as effective as it can be. How to Use These AP Environmental Science Notes These AP Environmental Science notes can be used for targeted studying throughout the class and for your end-of-the-year review for the AP Enviro exam. The notes don't cover every single topic on the exam, so don't rely on them exclusively for your prep; rather, you can supplement them with notes from your class, your textbook, and any review books you buy. Using these notes will give you an organized way to sort through the material covered in both the AP Enviro class and exam. Meanwhile, the vocabulary links can help you learn different terms and concepts commonly tested on the exam. While studying for the APES exam, you should also be regularly taking practice tests. Passive studying isn't enough to earn a high score on this test—you want to make sure you're actively engaging with the material and routinely checking your progress. We've got an extensive guide on APES practice test materials you can use in your prep. It's also a good idea to look through the College Board's official AP Environmental Science Course and Exam Description. This can help keep your studying of concepts organized and on track, plus it includes a short practice test to help you prepare! Early on in the school year, you can use these notes in conjunction with practice tests by studying a certain topic and then taking a practice quiz on that same topic to see how well you understood and retained the information from the notes. Albert and Varsity Tutors are our top picks for unofficial practice quizzes! Later on in the school year, after taking complete practice tests, you can review the questions you missed to see which topics are your weakest and then find those topics in these notes and prioritize them in your studying. AP Environmental Science Notes to Use in Your Prep These notes are organized by major unit/topic. Within each major topic are more specific areas of focus. The notes below come from Course Notes and give detailed outlines on their topic of focus. There are no images or fancy formatting to increase the visual appeal of the notes, but they do a good job of covering the topic in depth and separating the outline into different groups so you can quickly see which areas are covered. The vocabulary links also come from Course Notes and are organized by chapter, according to the 13th edition of the Living in the Environment textbook, which is why they're a little out of order. The vocabulary notes give brief definitions for each of the major keywords you'll need to know. Units 1 and 2: The Living World—Ecosystems and Biodiversity Notes Matter and Energy Flow Biodiversity Biological Communities Biomes Unit 3: Populations Notes Population Dynamics Human Population Unit 4: Earth Systems and Resources Unit 5: Land and Water Use Notes Agriculture and Food Water Global Economics Unit 6: Energy Resources and Consumption Vocabulary Chapter 16: Energy Efficiency and Renewable Energy Units 7 and 8: Pollution—Atmospheric, Aquatic, and Terrestrial Unit 9: Global Change AP Environmental Science Formulas These short guides (also from Course Notes) include many of the common formulas you'll use and need to understand for AP Environmental Science: Additional AP Environmental Science Notes There are lots of free notes available out there, but many of these come from individual teachers, or don't totally reflect the current course. When looking for notes online, be sure to compare them with what you're actually learning in class. That said, while these notes don't exactly fit into the major units of the class, they can be useful for your prep. Major Environmental Laws These notes, which come from Course Notes, give a brief overview of each of the most important environmental laws that have been passed in the United States. Complete Course Overview This full course overview comes from Scribd and gives a summary of the entire AP Environmental Science course, organized by the major topics. It's a lot of information to take in all at once, but if you want a document that touches on all the topics you'll need to know for this exam, this is a very helpful resource. Fiveable AP Environmental Science Exam Review This site features review guides for every topic covered in the course. The link above starts with the first unit, but you can navigate to other units on the right side of your screen. These seem to all focus more on definitions and concepts in isolation, so be sure to also spend time studying how all these concepts work together elsewhere. AP Environmental Science: 3 Essential Study Strategies Flipping passively through your notes isn't enough to get a high score on the AP Environmental Science exam. Follow these three study tips to help you get the most out of your review. Tip 1: Think About How Topics Are Related Knowing each topic in isolation won't help you much on the AP Environmental Science exam. Even if you know every single fact about the water cycle, if you can't explain how it relates to other earth processes, how it affects (and is affected by) humans, how it has been impacted by climate change, and other connections, then you'll miss a majority of questions on the exam. AP Environmental Science is a very interdisciplinary class, and one of the major themes of the class is that the earth is an interconnected system. Many questions will ask you to make connections among multiple topics, so practice doing this whenever you're reviewing your notes. If you're studying the atmosphere, for example, think about how the atmosphere affects animal and plant life on earth, how it affects other earth cycles, how it affects human populations, what the causes and effects of air pollution are, how the atmosphere is influencing and being influenced by climate change, and the changes humans can make to increase sustainability. Tip 2: Get Used to Your Calculator You have access to a graphing calculator for the entire AP Enviro exam; therefore, it's extremely important that you get comfortable with using a calculator to solve AP Environmental Science questions both quickly and accurately. Make sure you're familiar with all the calculator functions you'll be expected to know for the exam, as well as all the math formulas you'll need to memorize. It's especially critical that you practice using your calculator on the third free-response question, which awards credit for showing your work and coming up with the correct answer to a quantitatively driven environmental issue. Additionally, try to get in the habit of checking and double-checking your work with your calculator. Tip 3: Know Major Environmental Events AP Environmental Science isn't strictly a science class; it also includes recent and current events as well as some law, among other topics. Unlike the other AP science courses, you can't just know the scientific aspects of environmental science; you also need to know about major environmental events. Studying the notes on major environmental laws above will help. You should also use your notes from class to review other environmental events. It can be very helpful as well for you to keep up on the news and know what the current major environmental issues are. Conclusion: The Best AP Environmental Science Notes Having a collection of organized notes can not only help you manage your AP Environmental Science prep much more easily, but also allows you to quickly access notes on specific topics you want to review. These AP Environmental Science notes cover topics from each of the course's nine major units in addition to vocabulary, relevant formulas, and information on relevant environmental laws. When reviewing your AP Enviro notes, be sure to keep these three tips in mind: Think about how topics are related Get used to your calculator Know major environmental events You should now feel much more prepared for the AP Environmental Science exam in May! What's Next? Now that you've got handy AP Enviro notes, how should you use them in your review? Check out this guide to see a step-by-step review plan for AP Environmental Science. Want some more practice tests and quizzes to enhance your APES studying? No problem. We have loads of practice resources you can use to study for the AP Enviro exam. How many AP classes should you take? Learn exactly how many AP classes you should enroll in based on your interests and college goals. Start here when you're ready to study for the AP Environmental Science free response questions. We have the prior year APES free response questions along with tips and strategies for success. All of the prior year APES free response questions. Covers 1999 to 2017, and includes all of the questions, scoring guidelines, sample responses, and statistics. A four-page FRQ guide with some great free response tips. Explains how to approach various types of question prompts, including lab design questions. If you are studying at the last minute, then read this over. A one-page PDF that gives step-by-step instructions for different types of questions. Excellent collection of tips for answering the AP Environmental Science free response questions. A very concise set of recommendations, be sure you review these! A few more guidelines and strategies for your AP Environmental Science FRQ. Gives 14 things to do and 8 things to avoid. AP Environmental Science | Practice Exams | Free Response | Notes | Videos | Study Guides