**AP Environmental Science**

**M.PRASANNA RAO**

**Course Syllabus 2025-2026**

**Course Description**

Advanced Placement Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems, both natural and human-made, and evaluate the risks associated with these problems and potential solutions for resolving or preventing them.

**Textbook**

**Title**: *Environmental Science for AP*, 3rd Edition  
**Author**: Andrew Friedland & Rick Relyea  
**Publisher**: BFW/W.H. Freeman

**Supplemental Materials: College Board AP Classroom, online simulations, case studies, lab kits.**

**Unit/Concept Names**

1.The Living World – Ecosystems

2.The Living World – Biodiversity

3.Populations

4.Earth Systems and Resources

5.Land and Water Use

6.Energy Resources and Consumption

7.Atmospheric Pollution

8.Aquatic and Terrestrial Pollution

9.Global Change

**Major Course Projects and Instructional Activities**

* Field study: Local ecosystem analysis
* Lab investigations aligned with College Board requirements
* Environmental ethics debate
* Sustainability design challenge
* Data analysis and scientific writing
* AP-style practice exams and FRQs

**Course work/Classwork**

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment.

Students are expected to submit work on time. Doing so exhibits pride in producing quality work and fulfilling student responsibility. This work habit is a behavior that supports academic achievement and demonstrates characteristics from our Richmond County School System Profile of a Graduate. Late work can negatively impact learning and your ability to demonstrate mastery of the standards.

When the assignment calls for students to produce original work, students will not use Artificial Intelligence (AI) to generate the assignment for them. Assignments are given to help students learn and demonstrate what they know. While there may be appropriate times for students to use AI during the learning process, using AI to generate original work in place of the student completing the work, is considered

Academic Dishonesty and can be punished according to the rules outlined in the Code of Conduct.

*See RCBOE IHA-R Grading Practices*

**Late Work (Grading Policy- See RCBOE IHA-R Grading Practices)**

Students may have their scores reduced by 5% per school day for a 25% maximum reduction (five school days). ***Late work submitted after the fifth school day will only be accepted at the teacher’s discretion.***

**Make-Up Work (Grading Policy)**

Students are expected to make-up assignments and assessments that were missed due to absence from

school. Students are responsible for asking teachers for the make-up work upon returning to class.

Make-up work should be completed by the student within the time specified by the teacher **[Insert your specific procedural guidance here].**

**Evaluation (Grading Policy)**

* Minor Grades (Quizzes, Class work, Graded Writing Assignments, Group Work, etc.)
* Major Grades (Unit & Chapter Test, Projects, Tasks)

| **Category** | **Weight** |
| --- | --- |
| Assessments | 40% |
| Labs & Projects | 30% |
| Classwork/Homework | 20% |
| Participation | 10% |

**Relearn and Reassess Plan**

For any major assessments, students will have the opportunity to submit a relearning plan for parent and teacher approval. Upon satisfactory completion of the plan, as determined by the teacher, students will be given a minimum of **ONE** opportunity to be reassessed. Only students scoring below 70 on a major assessment can complete a relearning plan unless exempted with parent approval.

Reassessments may be different from the original.

The reassessment score will replace the original score (the scores will not be averaged).

Reassessments should be completed **within 7 school days** of receiving the original grade. Teachers should have discretion to extend the timeline to address extenuating circumstances.

*See teacher class page for Relearn/Reassess*

**Classroom Procedures & Expectations**

The overarching expectation in this class is to represent WAR (W, Accountable, Respectful)

Below are the expectations for how to W.A.R. in class!

|  |  |
| --- | --- |
| **Wholehearted** | * **Come prepared and engaged** * **Take initiative in your learning** |
| **Accountable** | * Submit work on time * Own your actions and learning choices |
| **Respectful** | * Listen actively to peers and teacher * Respect materials, space, and differences in opinion |

**Course Materials**

Students are expected to bring the following to class **every day**:

* 3” 3-ring Binder
* 1½–2-inch binder or organized section in a larger binder for Environmental Science
* College-ruled notebook or composition book (for interactive notes/labs)
* Blue or black pens, pencils, and highlighters
* Chromebook or laptop fully charged
* Textbook: *Environmental Science for AP*, Friedland & Relyea (provided in print or digital format)
* Calculator (basic or scientific for data analysis)

**My contact information:**

Email: marsapr@boe.richmond.k12.ga.us

Remind messages:@Raoapevs

**Resources:**

**Primary Textbook & Curriculum**

* **Textbook**: *Environmental Science for AP* (3rd Edition) by Friedland & Relyea  
  Provided by the school in digital and/or print format. Aligned with the College Board AP Environmental Science curriculum framework.
* **College Board AP Central**  
  https://apstudents.collegeboard.org/courses/ap-environmental-science  
  Official source for course outline, exam information, and sample practice materials.

To sign up for class reminders, please visit:  
@Raoapevs

**Student Contract:** I understand that all work should be completed on time. I understand that my teacher may deduct five points per day and communicate this in my Infinite Campus gradebook. I also understand that work turned in after the learning has occurred may not be graded (no more than 5 school days from the due date). I understand that using Artificial Intelligence to complete assignments where I am asked to produce original work will be considered Academic Dishonesty.

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_

**Parent Contract:** I understand that my child is expected to complete assignments on time. I will

remain in communication with my child’s teacher and monitor missing and late work as noted in Infinite Campus Parent Portal. If my child continues to submit work late, I understand that a parent-teacher conference will be needed to co-develop a plan of action. I understand that my child should not use Artificial Intelligence to complete assignments where students are asked to produce original work.

Parent Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_