

AP Environmental Science Summer Assignment – Poquoson High School - 2026-2027

REMINDERS:

- This assignment is **due THE FIRST DAY OF CLASS**.
- **Points will be deducted for assignments turned in after the due date** based on the PHS Late Work Policy.
- **Assignments that are not turned in will receive a ZERO.**

Section 1: "Environmental Science" (Bozeman Science)

Carefully watch the following video: Video link:

<https://youtu.be/LE9KTG9PFho?si=xCAga8k7CHFfF2iC> and answer the following questions (in complete sentences) as they pertain to the video.



1. Why is learning about environmental science so important?

2. Why is this field of science so different than other science classes you have previously taken?

3. What are the 7 environmental science practices you will be **applying** to this AP course?

4. Define sustainability and **evaluate** its feasibility in the context of modern industrial societies.

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5. Explain the concept of the ecological footprint and **evaluate** its usefulness as a metric for sustainability.

6. Why is data analysis (including mathematical reasoning) emphasized in environmental science? How does this strengthen conclusions?

7. **Describe** how the scientific method is applied in environmental science, including both field and laboratory investigations.

**Place this section in your APES envelope and mark completed
on your checklist.**