

APES SUMMER ASSIGNMENT



Welcome! & Congratulations on deciding to take on the challenge of an Advanced Placement Course. According to my class list, you are registered to take AP Environmental Science next year & that's why you're getting this letter. ☺ Don't worry! This may look a lot worse than it is. I just want to get you all the information you'll need & address some common questions before we go on summer break. If someone you know is registered & didn't receive a letter or if someone else is interested in joining our class, please tell them to stop by my room **F405** to get one or visit the Perry High Website, OShea, Coleen. Thanks!

What are you required to do?

Part #1 (Class Website & Remind)

First bookmark: my website for this class. Go to the Perry Website, O'Shea, Coleen, AP Environmental Science.

Follow me on Remind101: For text or email Reminders: <https://www.remind.com/join/mscoshe>
Send a text to 81010 and write/send only the message @mscoshe , Follow any instructions that follow.

For email Reminders: Send an email to oshea@mail.remind101.com

Summer Assignment Information

You **will not** need to check out a book over the summer **This assignment will be due the first Friday back.** Do not wait until then to complete the assignment or you will feel overwhelmed....that is why I am giving it to you now.

Part I "Current Environmental event"

We will be reading and discussing a variety of current events throughout the school year as well. This is a great opportunity to start thinking about how humans impact the environment and how the environment affects us.

Over the summer, you will need to find **one article** that relates to environmental science. Topics include, but are not limited to: pollution, climate change, environmental legislation, alternative energy sources, fossil fuels, human population growth, renewable resources, recycling/waste management, air quality, water quality, conservation/wildlife, food production/food safety, deforestation, GMOs (genetically modified organisms).

The assignment will entail: the article, a summary, personal reaction and citation.

Article:

- should be current (no more than 1 year old) and taken from a reliable source. The sources may be scientific publications, popular magazines, newspapers or the like. Try the NY Times (especially Tuesdays), Washington Post, National Geographic, Discover Magazine, Scientific American, Science, Nature, etc.
- All bibliographic information should be visible on the article itself or included with the summary. Try to find a variety of articles at the state, national, and global level that address multiple environmental issues.
- Article should be at least 4 paragraphs long and have enough "meat" to it that you can summarize the article and add your own opinion to it.

Summary:

Write a brief one to two paragraph summary of the article and point out the major environmental themes discussed.

Personal Reaction:

Your personal reaction should clearly state your opinions and/or reflection on the article. You can offer potential solutions, compare it to another environmental problem, ask questions about the article, or simply reflect on the article's content. A "non-example": "This article was very interesting/good." Some questions to drive your discussion:

- What are the key points made in the article? What are the points of view presented about this issue? Does the article teach you something new? Does it support or refute other information you've heard or read?

Cite the source of your article:

Underneath your reaction, list the citation for your article in APA format. You may use the Citation Below shows the formatting for this style:

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Last name, F. M. (Year, Month Date Published). Article title. Retrieved from URL

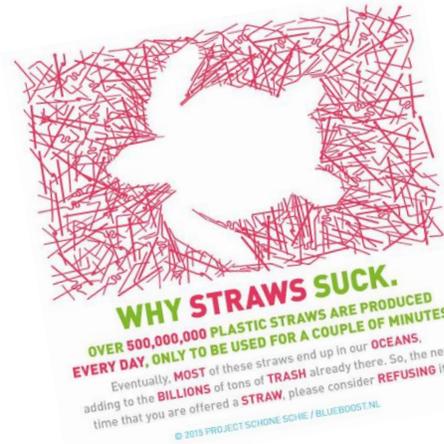
Assignment Arrangement for electronic/email submission (preferred) or hard copy:

- Staple a copy of your article with your write-up page or list the exact web address where you found the article.
- All write-up pages must be typed; Format: 12 inch font, times new roman font, double spaced

Part 2 "Nature Photo Journal":

Having an appreciation for the outdoors will help you understand the importance of this course. I would like you to spend 2 hours (or more) camping, hiking, canoeing/kayaking, visiting a state or national park, volunteering for an environmental group or learning center. Provide documentation of your visit (i.e., a photo of you taken during the activity, or a signed letter from a supervisor on-site with his or her phone number). Write a two-page reflection (**handwritten**) of your visit, including

- 1) *include specific location-name of city/park, trail etc., date, and time(s)*
- 2) any observations of wildlife-including insects/arthropods,
- 3) pictures (min 2) of your visit (at least one should include *you*)-don't forget to label each pic with location/year
- 4) environmental problems (pollution, etc.), and
- 5) how you enjoyed the activity.



Part #3 Possible Field Trip to Catalina Island with AP Bio

Next year, pending district approval, I would like to offer ~30 Environmental Science students the opportunity to attend a field trip at the Catalina Island Marine Institute the weekend before Fall Break. I have had the opportunity to attend last year with Perry students and feel like the experience and curriculum of the camp can greatly enhance our knowledge and connect with nature. The cost of the trip will be approximately \$400 and (as of now) tax credit can be used for the trip. Any student attending must be in good academic standing & submit all forms and money by the required due dates. Please be sure to check out Mr. Bell's AP Bio website this summer as more details become available. We will begin accepting deposits (\$150) after the start of the school year.

Part #4...Last One (School Materials) 😊

Please get all of the materials you will need for next year ready for the first day of school, as we will be starting right away.

Here is what I suggest to be successful in my APES class: (Please let me know as soon as possible via email or in private if you need assistance obtaining any of these or any of the course supplies throughout the year.) **You will need regular access to the internet for this course.**

- One 1-2" & one 2-3" binders just for AP ES
- Dividers with Tabs labeled (my suggestion):
 - Notes
 - Worksheets & Homework

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- Reference Sheets
- Other
- Colored pencils
- **Student Planner or Calendar**
- STRONGLY RECOMMENDED: Exam Prep Book

Other Independent Reading Material Needed for Later in the Year (During Breaks)

We will be reading a book relevant to current environmental issues during breaks. . The details on the assignment requirements and grading will be discussed in class as the fall break approaches.