



APES Summer Assignment 2018



Welcome to
AP Environmental Science
2018-2019

The APES course has an extensive syllabus and is interdisciplinary. It will incorporate aspects of Earth Science, Biology, Chemistry, Physics, Economics, Government, and Ethics.

It is important that you come to class in September with a basis from which to begin the year. Listed below are the Summer Prep Exercises you **MUST** complete by the first day of classes:

A. Current Events

Collect copies of 5 articles, published since January 1, 2018, relating to environmental issues. (An issue involves an environmental concern, not just some interesting scientific finding.) For each of the 5 articles, write *at least* 2 paragraphs summarizing the content, and a paragraph discussing your reaction. For example:

- ◆ Does the article teach you something new?
- ◆ Does it support or refute other information you've heard or read?
- ◆ Are there other points of view on this issue?

The sources may be scientific publications, popular magazines, or newspapers.

Try the NY Times (especially Tuesdays), National Geographic, Discover Magazine, Natural History Magazine, as well as the more scholarly Scientific American, Science, Nature, and the Conservationist.

You may look online, but you must indicate the source.

Be sure that your 5 topics are chosen from the list on page 2.

Label each summary according to its topic. For example, if your first article and summary is about overpopulation, be sure your heading states:

1 - HumanPopulation

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Attach a copy of your article or web link address to for each summary and your reaction paragraphs.

Identify and number each of the 5, and arrange them in order before you submit them. This assignment is worth 100 points, and is due Friday, September 7, 2018.

You may submit via Google doc to APESatLSI@gmail.com and MUST be shared by September 7, 2018. According to district policy, credit will be deducted for lateness.

The 5 articles MUST be drawn from the topic list below, making sure that at least 5 different topics are represented.

- 1) Human population growth
 - 2) Transgenic species
 - 3) Non-native (invasive) species
 - 4) Food production, food safety
 - 5) Fossil fuels (coal, oil, natural gas)
 - 6) Renewable resources (solar, wind, geothermal, hydroelectric, etc.)
 - 7) Nuclear energy
 - 8) Air quality
 - 9) Water quality (surface or groundwater)
 - 10) CO₂ and global warming
 - 11) Recycling or another aspect of waste management (garbage)
 - 12) Nature Conservancy, Sierra Club, World Wildlife Fund, or similar NGO
 - 13) Overfishing, overhunting
 - 14) Deforestation
 - 15) Ozone depletion
 - 16) Legislation or International Treaty dealing with an environmental issue
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B. SEE ATTACHED ADDITIONAL HANDOUT FOR THE ISHMAEL READING ASSIGNMENT

Have a great summer!

Contact me via text on the Homework Hotline 518-281-4860 or email:
apesatlsi@gmail.com

Here's to a full, fast paced, academically challenging year.

Ms. Randall
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