



Environmental Science

Welcome to **Advanced Placement Environmental Science (APES)**!

Mrs. Slinkard

Summer Assignment 2022

I am excited to have you in my class!

“The earth is the Lord’s, and everything in it, the world, and all who live in it; for he founded it upon the seas and established it upon the waters.”

Psalm 24: 1-2

The AP Environmental Science course (APES) is designed to be the equivalent of a one semester introductory college course in laboratory Environmental Science.

We will explore scientific principles and concepts to understand the interrelationships of the natural world. We are going to identify and analyze natural and human made environmental problems (example: the erupting volcano in Hawaii that is now occurring, the recent oil spill on our beaches).

The class includes lots of labs and activities!

You will need to complete the two (easy) summer assignments below to prepare you for the class.

ASSIGNMENT #1a: Picture Acrostic (30 POINTS)

EXAMPLE 

On computer paper, make an acrostic of your LAST name, which includes an environmental concept and explanation for each letter of your last name.

Below are references you may use for terms and explanations:









<http://www.kwanga.net/apesnotes/The%20Many%20Ways%20To%20Go%20APES.pdf>

This will be the cover to your notebook (assignment #2)

ASSIGNMENT #1b: APES Notebook (10 POINTS)

Your APES binder is mandatory for the class. You need a binder with a clear cover for your acrostic. You will need to keep your notes and weekly lab reports in the notebook. Keep it neat



S ustainability: meeting need without compromising the ability of future generations to meet their needs	
L itter: carelessly discarded trash that can harm to wildlife	
I ndicator species: serve as early warnings that an ecosystem is being damaged.	
N atural Pest Control: better agricultural practices, genetically resistant plants, natural enemies, biopesticides, sex attractants	
K ind: Be kind to our Earth!	
A lternative Energy: energy derived from sources that do not use up natural resources or harm the environment	
R ecycle: Use materials again after processing	
D eforestation: clearing trees from forest; too much may result in losing a forest	

ASSIGNMENT #2: Current Events (60 POINTS) ***

Choose 4 Environmental issues from the list below.

Find one article for EACH of your chosen (5) Environmental Issues that was published after January 1, 2017. (4 environmental issues with one article each)

Directions: For each article:

1. Write at least 2 paragraphs IN YOUR OWN WORDS for each article. You will turn your paragraphs into turnitin.com.

Paragraph 1: Summarize the environmental event/concern

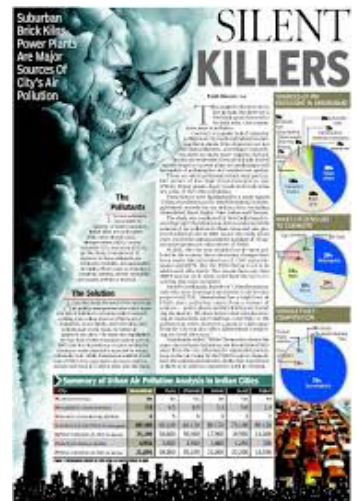
Paragraph 2: Discuss the HUMAN IMPACT AND what is being done to IMPROVE the event/concern

2. Work Sited List

3. TYPE paragraphs and have a Heading for each.

Environmental Issues: CHOOSE 5 DIFFERENT TOPICS of CONCERN

- 1) Loss of Biodiversity
- 2) Greenhouse Gas Effect
- 3) Resource Depletion
- 4) Sustainable Development
- 5) Water Pollution OR Air pollution
- 6) Renewable Energy
- 7) Disease – Epidemics (ex: Covid-19)
- 8) Invasive Species
- 9) World Fresh Water Scarcity
- 10) Human Population
- 11) Deforestation
- 12) Ocean Acidification
- 13) Ozone Layer Protection
- 14) Fossil Fuels



Assignment will be due the second day of class. Make sure it is completed and turned in to Turnitin.com to earn 100 points credit!!!

*****I will give you the Turnitin.com code on 1st day of class. Turnitin.com checks to make sure you did NOT copy from internet**

YOU WILL BE TURNING IT INTO TRUNITIN.COM