ScrAPESbook

In environmental science, it is important to know about current issues in the news. One of my goals for this course is to familiarize you with environmental issues that are important to our community, our country, and our world. We will be reading and discussing a variety of current events throughout the school year as well. This is a great opportunity for you to start thinking about the environment and how it affects you. **This is an ongoing project and will not be completed until the beginning of 4th quarter. DO NOT lose these directions as you will need to refer back to them throughout the semester.**

Guidelines for Preparing, Organizing, and Completing your ScrAPESbook

You are to create a bound scrapbook style book (style/format of your choice). A title and your name should be on the front cover of your book. All pages in the journal should be numbered in the lower right hand corner. All writing must be legible and either written in black or blue ink or typed. Do not forget to decorate and make the inside of your book look nice!

What goes inside the book?

Look through newspapers, magazines, radio transcripts, scientific journals, and the internet for articles about environmental science, with a minimum of 20 articles.

 Requirements regarding articles:

(a)    Articles must be the original form from a science-related journal (Scientific American Nature, National Geographic etc.) newspaper, magazine, good internet source (Science Daily, etc.) and the articles should not all be from the same source)

(b)    All articles must pertain to Environmental Science and have significant science content. Do not include advertisements, pure opinion pieces, or light reviews of other articles.

(c)    The date and source of the article must be included on the page with the article.

(d)    If the article is too large to fit on one page, cut and paste as needed and put it on more than one page.

(e)    Articles should be neatly cut out and taped, stapled, or glued into the journal. Your writing should be on a separate page in front of the article.

Your 1st 14 articles need to be about the following topics, in. The remaining 6 articles may be about any EnSci topic.

1. Sustainability: Forests, fishing, agriculture, natural resources, steps towards using renewable resources, improvements in recycling, producing less waste as a country, etc.
2. Population: Growth, TFR, Stabilization, Governmental policy to control, education and impact on population growth, birth control methods, etc.
3. Agriculture: U.S. farmers, government incentives, change of harvest, setbacks, national reform, current problems, import/export of goods, new discoveries, etc.
4. Fishing: Regulations, Laws, problems with lack of fish due to environmental reason, weather (El Nino) effecting productivity, overfishing, low GNP for country, aquaculture, etc.
5. Fossil Fuels: Mining, oil depletion, government problem with resources, oil dependency, and coal use, ANWR, conservation efforts, etc.
6. Toxins: Mercury or Lead poisoning (in water, paints, toys)Restaurant food poisoning, Botox in beauty cosmetics, nuclear storage or removal, MSDS, hazards at work due to exposure, recalled toys or household items, etc.
7. Water Use: Michigan Lakes depletion, world use, water deficits in U.S. or other countries, problems/affects with droughts, drinking water issues, projected shortages, etc.
8. Renewable Energy: CAFE standards, renewable energy implementation within company or state, laws, mass transit, increase use of nuclear, hazards or concerns, etc.
9. Air Pollution: indoor air, companies improving quality of office air, acid deposition, smog, remediation or reduction strategies, Clean Air Act or relevant laws, etc.
10. Water Pollution: Pollution in lakes or groundwater, maintaining water quality, sewage or septic systems, toxins, agricultural or mining runoff, effects of water pollution on ecosystems or habitats, etc.
11. Recycle: Companies or business that are making changes. Programs in communities or schools that are implementing new projects, reduction in landfill, incentives, cost-savings, .
12. Land Use: Forest fires, management, overgrazing, deforestation (not only in U.S.), land development, national parks
13. Pesticides: Control of, IPM, laws, problems in agriculture, companies facing serious issues due to pests, invasive species, etc.
14. Global Warming: Changes companies are implementing to reduce emissions. Governmental laws enforcing state or national change to reduce emissions, etc.

15-20. Pick any topic you would like to know more about. Be sure to title your topic clearly so I know what you are writing about.

Format for Current Event Summary/Review (include all of the following components and clearly identify each component – Following the title, label as (b) Summary, (c) Analysis, etc.

(a)    Title: Clearly list the topic I have assigned

(b)    Summary:  Give a brief summary of the article (1-2 paragraphs)

(c)    Analysis   (Include and clearly label each of the following parts of your analysis)

1. Points of view - Does the article give two different points of view? Yes or No    If yes, what are they?
2. Bias - The order in which information is presented and the amount of text devoted to influencing a reader’s opinion is called bias. Is this article biased, and if so, which way is the article biased (slanted)? In your opinion does the author give a positive, negative or neutral view of the environmental science topic? Explain.
3. Controversy - Is there any controversy surrounding this article? If so, briefly state it.

(d)    Your perspective? State your perspective on this news article based on your personal knowledge of the topic and your reading of this article.

(e)    Affect on you?  How does this topic affect you or how does it relate to your life?

**Grading**

*Each article will be graded using the following guidelines. 15 points per article.*

* Article pertains to the correct topic – ½ point
* Topic is clearly written in the title of your summary – ½ point
* Parts a, b, c, d, and e are clearly labeled – ½ point
* Summary is thorough and covers all important parts of the article – 5 points
* Parts of the analysis are clearly labeled as 1,2, and 3 – ½ point
* Analysis is thorough and covers all three areas – 5 points
* Your perspective is stated and made clear – 2 points
* The affect the article has on you is stated and made clear – 1 point

**DUE DATE:**

**April 14th and 15th**