Environment Portfolio

Part 1: Scars from Humanity

Directions: Conduct research to explore the top man-made disasters. Pick 3 of those disasters and create a digital journal/documentary that includes the following information.

Required Content to complete for each of the 3 disasters you have chosen to research, :

Topic A: Explain the disaster – BE sure to include details about:
1. What was the disaster?
2. When the disaster happened?
3. Where did the disaster occur?

Topic A Reference your resources (Citation list):

Topic B:
1. What "scars"/impact did it have on our planet and our humanity?
2. Identify the environmental impact and include a description/pictures.
3. Identify the human impact and include a description (pictures can be included when appropriate).

Topic C: What was the lesson learned:
1. Describe the things learned from the event.
2. Describe the actions being taken to prevent a future, similar event.
3. Describe (if any) the LONG-TERM impact (that still exist).

Required Content:
Required Content
1. All required content was provided for all 3 disasters and demonstrated a thorough understanding of the content.
   a. Topic A
   b. Topic B
   c. Topic C
Format
1. Digital Documentary was designed in a manner that reflected high academic standards.
2. No spelling errors.
3. No grammatical errors.

Part 2: Environmental Pollutants

Part 2a: Directions: Please pick 5 of the below pollutants and complete the chart below for each. The website EPA.gov will be useful in assisting you to complete this element.

Indoor Air Pollution
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KEY
- **C** Carpet
- **R** Radon
- **P** Pesticides
- **Co** Combustion
- **H** Household Products
- **L** Lead
- **T** Environmental Tobacco Smoke
- **B** Biological Contaminants

Pollutant	Associated Health Hazard	Prevention

Part 2b:
Directions: Pick one of the above pollutants, and create a Safety Procedure "manual".

Content Required:
- Must include at least 5 tips/suggestions to help avoid the dangers
- Explanation of the dangers associated to the pollutant.
- Include an easy to follow format (possible examples):
  - Visual Documentary
  - Podcast
  - News alert (video)
  - Brochure
  - PSA (Public Service Announcement- Radio or TV audience)
- Pictures that help highlight the safety/concern

Part 3: Upcycle your World
Directions: Look around your world, (home, school, job). Observe all the products you use daily. Pick one of those products (daily usage) and create an upcycling project for it.

Upcycling, also known as creative reuse, is the process of transforming by-products, waste materials, useless, or unwanted products into new materials or products of better quality or for better environmental value. Upcycling is the opposite of downcycling, which is the other face of the recycling process.

upcyclinglucirmas.com

Project Criteria:

Written Element (Outline Format):

1. Benefits to Upcycling (generic-overall benefit)
    a. List 3
2. The product you intend to use for "upcycling"
    a. It's main/normal daily use/purpose
    b. Your intended "upcycle" use/purpose
    c. Benefit of your upcycle project
3. Step by step process/tutorial (How to) to complete the upcycle project

Educational Element:

1. Tutorial on HOW to upcycle your product
    a. Create a "How to" Video
2. Digital "Instructible"
    a. Create a digital resource to instruct others – use the information from you written outline to create your digital resource
3. Other graded components
    a. Creativity of upcycled product
    b. Usability of your upcycled product