

Introduction

Our human activities to make life better for ourselves change Earth's Lithosphere. Many of these changes have far reaching negative consequences.

- What impact do these activities have on Earth's natural processes and environment?
- What changes would you recommend to lessen these human activities' impact on Earth?

Task

You are working for a public consulting firm. The firm's focus is the study of human activities and how these activities impact and possibly change Earth's natural processes. It is your job to study and educate people about these human activities and how they affect Earth. Your task is to create a data table displaying the firm's research.

From this research choose 3 of these 9 human activities to create a brochure for public awareness:

- Deforestation
- Loss of Biodiversity
- Pollution
- Urbanization
- Acid Rain
- Acidification of Lakes
- Overgrazing
- Agriculture
- Herbicides and Pesticides

Process

Survival requires you to plan action immediately. Procrastination will end in tragedy so be sure to follow directions. Can you survive?

Research and study the information to create your public awareness editorial. You will first need to create a data table that compares and contrasts all nine human activities. Now select 3 of these 9 human activities to create a tri-fold brochure for public awareness. The data needs to include the following elements:

Human Activity	Define the Human Activity	Threat to Earth's Natural Processes for the Human Activity	What Areas Are At Greatest Risk in the US?	How Can We Protect Earth's Natural Processes?
Deforestation				
Loss of Biodiversity				
Pollution				
Urbanization				
Acid Rain				
Acidification of Lakes				
Overgrazing				
Agriculture				
Herbicides and Pesticides				

You will need to create a brochure that includes the following elements:

1. title page named "Human Actions Affect Earth" (includes name and date)
2. state the human activity described
3. brief description of the human activity
4. impact of human activity to Earth's natural processes
5. Areas at the greatest risk in the U.S.
6. Recommendations to protect Earth's natural processes
7. Alternatives to meet human needs

Remember you are completing
3
Human Activities.

Evaluation

Points	Brochure	Conclusion Part I	Conclusion Part II
5	High quality content. Includes all 5 required elements for the presentation.	High level thinking. All answers are clear, concise and effective.	Paragraph provides vivid and clear descriptions.
4	Good quality content. Includes at least 4 quality elements for the presentation.	High level thinking. All answers are concise and effective.	Paragraph is complete and provides clear descriptions.
3	Moderate quality content. Includes at least 3 required elements for the presentation.	Quality thinking. Most answers are concise and effective.	Paragraph provides good descriptions.
2	Marginal quality content. Includes at least 2 quality elements for the presentation.	Moderate quality thinking. A few answers are concise and effective.	Paragraph provides few descriptions.
1	Low quality content. Includes at least 1 required element for the presentation.	Low quality thinking. Answers are concise and ineffective.	Paragraph is unclear and few descriptions are provided.
0	Content not completed or provided in required time or as directed.	Content not completed or provided in required time or as directed.	Paragraph does not meet minimal standards.

Conclusion

You have done a great job educating the public awareness of how humans affect the lithosphere! Now, pass this information on to your classmates (exchange and evaluate each other using the rubric above). Evaluate your own brochure.

Part I

1. Find out how similar your brochure is compared to others.
2. When you created your brochure, who did you think of the audience that might read it? (i.e. a professional environmentalist or the general public?)

3. Does your family have experience with this topic?

Part II

For **homework**, present the brochure you have created to your parents. Then ask them to share their ideas with you. Write a paragraph or two about your findings.