

Environmental Science: Chapter 16, 17, and 18 Project

*This project will be counted as **two test grades** and is **due at the end of class Monday, May 17**. You will have *some time in class* to complete this assignment but it is expected that you will work on this assignment outside of the classroom as well.*

*Choose **5** of the following choices (each additional option that you complete, you will receive 10 points on your lowest test grade):*

Chapter 16

1. Research three minerals. Provide an overview of how each is formed, mined, where the mineral is found and its uses. Include pictures.
2. Find an article on Blood Diamonds. Write the name of the article, author, and where it is found (web address, etc). Write a half page summary of the article. On the other half of the page write your opinion of blood diamonds and their impact on the environment, economy, and human rights.

Chapter 17

3. Find out how petroleum, natural gas, coal, or uranium are extracted. Research one method and prepare a model or a posterboard display that communicates your findings.
4. Write a one page single-spaced paper answering the following question: How would your life change if oil reserves became depleted?
5. Research coal-fired power plants and nuclear power plants. Compare and contrast the two and write the pros and cons of each. Draw a diagram of each type of plant.

Chapter 18

6. Research a company or business that is “green”. Write a summary and include your findings on a posterboard or brochure.
7. Keep a log of when you use energy for one day. Set up your table like the example below. After you log your energy activity for one day, go through each activity to come up with ways that you can conserve that energy. Make a flyer that tells your classmates how to conserve energy on a daily basis.

Time	Activity	Conservation Methods

8. Write and illustrate a children’s book about renewable and nonrenewable resources.

Other:

9. Design a game that portrays an idea from Chapter 16, 17, or 18. This option **MUST** be pre-approved by the teacher.