

Unit #11 Worksheet (1)

Name _____

(Total of 3 pages)

Directions : Read pp. 176 - 184. Answer all the following questions (2 pages) in complete sentences.

1. Why is the Earth unique? (give 2 reasons)

2.a. Define pollution: _____

2.b. Define equilibrium: _____

3. How can lawn fertilizer set off the balance of nature? (3 sentence minimum)

4. What is CFCs an abbreviation for? _____

5. Compare how CFCs ARE USEFUL AND HARMFUL:

useful: _____

harmful: _____

6. How does the ozone layer protect us? What role does O₃ play?

7. What are PCBs? _____

8. Where do PCBs come from? _____

9. Explain what a greenhouse gas is and give an example:

Continued on the next page 2.....

10. From p. 177... detail how the burning of fossil fuels leads to acid rain and problems in the Adirondack Mountains:

11. From page 178... List and explain two area of the world that are having specific water pollution problems.

12. Explain two common problems with landfills and incinerators:

1. _____

2. _____

13. "Love Canal" Niagara Falls and toxic chemicals... how were these people affected by ground pollution?

14. How can energy cause pollution - give one specific example.

15. From figure 11-7... how has human pollution changed since 1100 AD?

Continued on the next page 3.....

16. The author of this workbook believes that the population of the Earth will stabilize.

a. Why does he say that?

b. What do you think?

17. From figure 11-4, list all sources of air pollution in descending order:

18. From figure 11-3 : what is the scientific question for this graph?

19. From figure 11-3 : what is the scientific answer to this graph?
