

Webquest- Human Impact

Task #1- Human population growth <http://desip.igc.org/mapanim.html>

Watch the animation then answer the following questions:

- 1) Where in the world did the human population appear to start?
- 2) What was the world population in 1985?
- 3) What is the expected world population in 2020?

Task #2- <https://sites.google.com/site/humanpopulationgrowthwebquest/home/human-population-group-a>

4) Describe the factors that affect population growth.

5) What is the formula for human population change?

Task #3- <http://www.learner.org/courses/envsci/unit/text.php?unit=5&secNum=5>

6) What are the three major, interconnected elements to human societies impact on the environment?

7) What are the two major forms of impact on the environment?

8) What are some countries doing to try to reduce the rate of population growth?

Task #4- Deforestation http://kids.mongabay.com/lesson_plans/lisa_algee/deforestation.html

9) What is deforestation?

10) List the causes of deforestation.

11) Outline the global statistics on deforestation.

12) What are the environmental consequences associated with deforestation?

13) What are the social impacts of deforestation?

14) List 5 ways you can help reduce deforestation.

Task #5 Ecological Footprint <http://www.earthday.org/footprint-calculator>

15) Many activities impact our Footprint. If everyone lived like you, we'd need _____ Planet Earths to provide enough resources.

To support your lifestyle, it takes _____ global acres of Earth's productive area.

Task #6 Ecology in a sustainable future

<http://www.childrensuniversity.manchester.ac.uk/interactives/science/energy/renewable/>

Answer the questions while clicking through the animation

16) What is a nonrenewable resource?

17) What is a renewable resource?

18) Why is the sun renewable but oil is nonrenewable?

19) How is fresh water both a renewable and a limited resource?

Task #7 http://www.eia.gov/energyexplained/index.cfm?page=renewable_home

20) Summarize the 5 types of renewable energy listed on the main page.

21) What are the three energy sources most frequently consumed by the US?

22) Why don't we use more renewable energy?

Task #8 <http://www.iisd.org/sd/>

23) What is sustainable development?

24) How can sustainable development help minimize negative impacts of human activities?