

## 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](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](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?