

Name: _____

Human Impact Webquest

Human Population Growth

Link 1: <http://desip.igc.org/mapanim.html>

Watch the animation and answer the following questions

1. Where in the world did human populations first appear? _____
2. What was the world population in 1900? _____
3. What was the world population in 1985? _____
4. What is the expected world population in 2020? _____

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

5. What are the four factors that affect human population growth? Describe each.
 - a. _____:
 - b. _____:
 - c. _____:
 - d. _____:
6. What is the formula for human population change?
7. When using the formula for population change, what does it mean when your answer is a positive number?
8. When using the formula for population change, what does it mean when your answer is a negative number?

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

9. What are the three major, interconnect elements to human societies' impact on the environment?
10. What are the two major forms of impact on the environment?

11. What are some countries doing to try to reduce the rate of population growth?

Global Warming and Climate Change

Link 4: <http://www3.epa.gov/climatechange/basics/>

12. How much has Earth's temperature changed over the past century? How much is it projected to rise over the next century?

13. Define Global Warming:

14. Define Climate Change:

15. What are four changes in weather and climate that have occurred?

16. What is the most common greenhouse gas? Where do these gases come from?

17. How do greenhouse gases lead to climate change?

Pesticide Use

Link 5: <http://www.fws.gov/contaminants/issues/pesticides.cfm>

18. Give 5 examples of pesticides

19. What percentage of our water has pesticides in it? _____

20. What percentage of fish test positive for pesticides? _____

21. Describe how the fish end up containing pesticides.

22. Why are pesticides used?

Link 6: <http://www.panna.org/resources/ddt-story>

23. What is DDT?

24. List 3 effects that can be seen from the application of DDT nearly 40 years ago.

25. Who was responsible for highlighting the dangers of DDT?

26. How was DDT linked to the decline in the bald eagle population?

Natural Resources

Link 7: http://www.eia.gov/energyexplained/index.cfm?page=nonrenewable_home

27. What is a nonrenewable resource?

28. What is a renewable resource?

29. What are the four major nonrenewable energy sources?

Link 8: http://www.eia.gov/energyexplained/index.cfm?page=renewable_home

30. What are the five commonly used renewable energy sources?

31. What are the three main energy sources in use in the US today?

32. What percentage of electricity in the US was generated by renewable resources? _____

33. Why don't we use more renewable energy?

Link 9: <http://environment.nationalgeographic.com/environment/freshwater/rivers/>

34. Why are rivers important to civilizations?

35. What are some sources of water pollution?

36. What is the result of water pollution?

37. What has happened to the Colorado River?

If you have time, play the Water Wiz. Learn all about how you use water in your home.

Link 10: <http://kids.nationalgeographic.com/kids/games/puzzlesquizzes/water-wiz/>