Human Population Growth

Click on images to go to websites to answer the questions. Record your answers on a piece of paper.
1. What is the exact time right now?

2. What is the current U.S. population?

3. What are the top ten most populous countries?
4. Where is Kentucky ranked among state populations?
5. What percent of people in the U.S. live in Kentucky?

http://www.demographia.com/db-2000stater.htm
6. What was the world population in 1985?
7. According to the animated map, what is the predicted world population for 2020?
8. What is the exact time right now?
9. How many minutes have elapsed since you answered question 2?
10. What is the U.S. population now?

http://www.census.gov/popclock/
11. What was the gain in US population while you have been working on this activity?

12. What has been the gain in population per minute over this activity? Show your work.

13. What was the population gain per second over this activity?

14. How does this compare with the stated gain per second on the census web site?
Along with agricultural advances and improved sanitation, medical advances helped lead to the increase in population growth.

15. What is the germ theory?
16. Who was the first to look at live microorganisms using a microscope?
17. Who developed some of the first vaccines?
18. How was the first antibiotic discovered?
Click on the moldy cantaloupe for bonus information.

19. How have medical advances contributed to population growth?
20. Which represents a less-developed country?
21. Which represents a more-developed country?
More-developed Countries (MDCs)

- The combined population of MDCs is smaller than that of LDCs.
- MDCs produce most of the world’s hazardous wastes.
- The production of hazardous waste is tied to the consumption of fossil fuels, metals, paper, and other resources.
22. Find a website or use a textbook to find out the percentages for hazardous wastes that MDCs produce and LDCs produce.

23. What percentage of fossil fuels are consumed by MDCs... by LDCs?

24. What percentage of metals are consumed by MDCs... by LDCs?
LDCs

25. What does the age-structure diagram of a less-developed country (LDC) tell us about the number of births?

26. What does the age-structure diagram of a LDC tell us about the number of individuals who are of prereproductive age?

27. What percentage of the Nigerian population is between the ages of 0-15? What is the birth rate compared to death rates in Nigeria?
Watch this video

http://www.youtube.com/watch?v=s-57ui-r6Qw
Websites Used

- http://www.census.gov/popclock/
- http://legacy.hopkinsville.kctcs.edu/instructors/Jason-Arnold/VLI/VLI818/M4Apopulationecology/M4Apopulationecology_print.html