

Name _____ Date _____ Hour _____

Biology

Guided Reading 4-2

Human Population

1. Overall, what happens to human population over time?
2. In what years did our population reach the following milestones
 - a. 1 million individuals
 - b. A major loss of people due to disease
 - c. 6 million individuals
3. Describe at least 3 technological advances that have helped alter the carrying capacity of the globe for humans.
4. Explain why improvement in shelter increased the survival rate of the human population.
5. What caused a sharp dip in population in the 1960s.
6. What has happened to the growth rate of the human population since the early 1960s?
7. What events can alter population trends?
8. Examine Figure 12, what even in the 1800s lead to a overall growth in population?
9. Compare the birthrates and life expectancy in the early 1800s and now.

10. What conditions are necessary for zero population growth?

11. What are the 3 categories for an age structure? What ages belong to each category?

12. How do the age structures for rapidly growing countries differ from those countries that are experiencing negative growth?

13. Why do scientists believe will happen if human population becomes overcrowded in certain areas?

14. How does the resource consumption of industrialized countries such as the USA and Germany differ from developing countries such as Indonesia and India?

15. Examine figure 11, and figure 12, what events and technological advancements have lead to an increase of population growth in the modern age.

16. Thinking Critically: Predict the short term and long-term effects of a newly emerging disease on developing countries and industrialized countries.