

Chapter 16: Human Impact on Ecosystems

Section 1: Human Population Growth and Natural Resources

I CAN STATEMENT: _____

VOCABULARY: Define each word using the text provided.

Word	Page Found in Reading Text	Definition
Nonrenewable resource		
Renewable resource		
Ecological footprint		
Carrying capacity		

MAIN IDEA: Earth's human population continues to grow. COMPLETE sentences please!

1. According to the text, approximately how big is Earth's population now?

2. Using the text, name and give examples of two technologies that have influenced human population growth since 1700.

3. Look at the graph on page 472. Describe the population trend as time increases.

MAIN IDEA: The growing human population exerts pressure on Earth’s natural resources. Determine whether the following resources are renewable or nonrenewable. EXPLAIN your answer in a complete sentence!

Resource	Renewable or Nonrenewable	Explanation
4. Sun		
5. Oil		
6. Trees		
7. Water		
8. Wind		
9. Corn		
10. Beef		
11. Coal		

12. Analyze. Explain how a renewable resource such as water could become a nonrenewable resource. Write your answer in complete sentence.

MAIN IDEA: Effective management of Earth’s resources will help meet the needs of the future. Write your answers in complete sentences.

13. The inhabitants of Easter Island made many mistakes in their resource use. Name one resource that was misused and describe two ways that they could have used the resource more effectively.

14. According to the text, what is an ecological footprint?

15. Using the text, what are the four factors that determine your ecological footprint?
