

Ecology Study Guide #4 (Ch. 22, sec. 1)

Name _____

Period _____

One of your goals in this unit is to learn how organisms interact with other organisms and with their environment. There are a lot of vocabulary words that may be new to you in this unit. It is important you understand these vocab words in order to understand our discussions about ecology. Also, some of these words are often used in newspaper or magazine articles or on television shows you may see.

1. Complete this sentence:

Each of the _____ in an ecosystem fills the _____ of _____, _____, or _____.

2. What is a producer? What are some examples of producers?

3. What is a consumer?

4. What is a herbivore? What are some examples of herbivores?

5. What is a carnivore? What are some examples of carnivores?

6.. What is an omnivore? What are some examples of omnivores?

7. What is a scavenger? What are some examples of scavengers?

8. What is a decomposer? What are some examples of decomposers?

9. What do food chains and food webs show?

10. What is a food chain? What is always the first organism in a food chain?

11. What are first-level, second-level, and third-level consumers?

12. What makes up a food web?

13. What does an energy pyramid show? What happens as you move up the energy pyramid?

14. In general, about how much energy is transferred to the next higher level in a food web? What happened to the other available energy?