

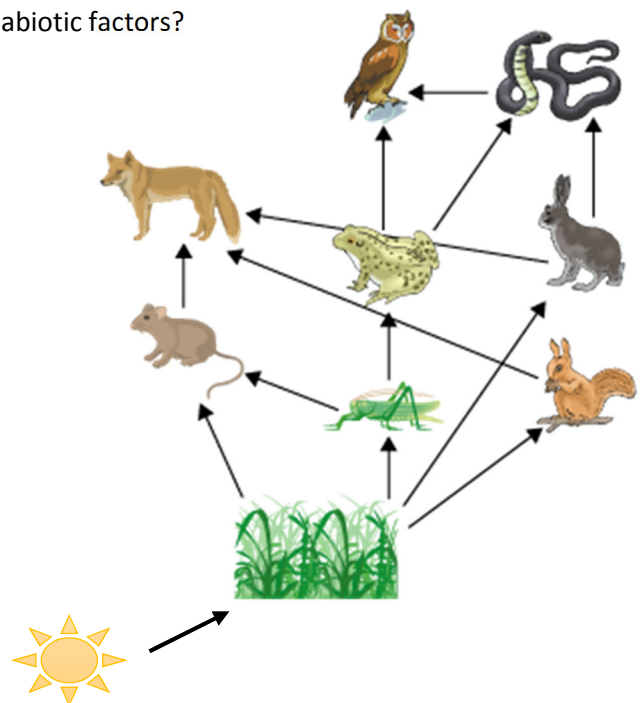
Objectives: TEKS 8.11(B)

Organisms in an ecosystem are constantly competing for biotic and abiotic factors

1. What is an ecosystem? (pg. 494)
2. What is a habitat? (pg. 498)
3. What is a niche? (pg. 498)
4. Ecosystems can be very big and very small.
 - a. Give 3 example of big ecosystems. (pg. 494)
 - b. Give 3 examples of small ecosystems. (pg. 494)
5. What is the meaning, and the origin of the word "bio"
6. What is the meaning of the prefix "a" in "abiotic"
7. What are biotic factors in an ecosystem? (pg. 495)
8. What are abiotic factors in an ecosystem? (pg. 494)
9. Why do organisms in an ecosystem compete for biotic and abiotic factors?

Use the food-web on the right to answer the questions below

10. Name 3 organisms that are competing for grass
11. Name 2 organisms competing for the frog
12. Name 2 organisms competing for the rabbit

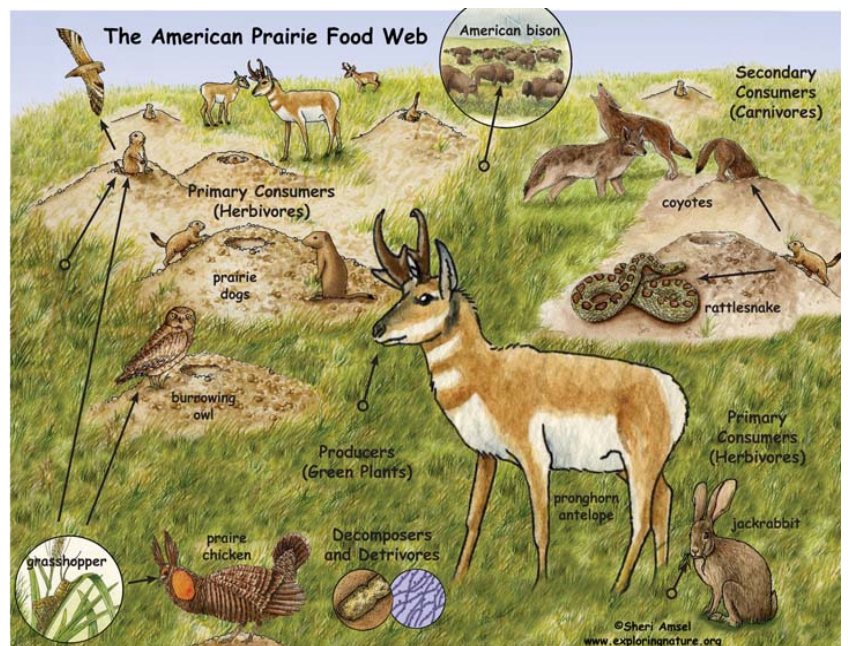




13. What are some biotic factors in this ecosystem?
14. What are some abiotic factors in this ecosystem?
15. What are some organisms competing for abiotic factors, such as sunlight
16. Which organisms that are competing for biotic factors (grass) because they eat plants
17. Name the organisms that are competing for the log to use as a living space (abiotic)

Use this ecosystem to answer the questions below

18. Name some abiotic factors on this picture
19. Name some biotic factors
20. Name organisms competing for soil (abiotic factors)
21. Which organisms are competing for grass? (biotic factors)



22. Name which organisms are competing to eat the prairie dogs (biotic factor)