

Ecosystem Connections

Grade 3 • SCIENCE • Students explain how plants and animals in a habitat depend on other living things and environmental resources for survival. • Standards: 3-LS4-3

Read each question about how living things depend on each other and their environment. Write your answer on the line provided.

1. A rabbit eats grass in a meadow. What does the rabbit depend on the grass for?
2. A bird builds a nest in a tree. What does the tree provide for the bird?
3. A deer drinks from a stream every morning. What resource from the environment does the deer need from the stream?
4. A squirrel stores acorns from an oak tree for winter. How does the squirrel depend on the oak tree?
5. A frog catches and eats insects near a pond. What do the insects provide for the frog?
6. A fox hunts mice in a field. If all the mice left the field, what problem would the fox have?
7. Bees collect nectar from flowers and help spread pollen to other flowers. How do the flowers depend on the bees?
8. A woodpecker makes holes in a dead tree to find insects to eat. Later, a small owl uses one of the holes as a home. How does the owl depend on the woodpecker?
9. Fish live among the roots of water plants in a lake. The roots give the fish a place to hide from larger animals. What does this habitat relationship provide for the fish?
10. A caterpillar eats leaves from a milkweed plant, then forms a chrysalis and becomes a butterfly. The butterfly drinks nectar from many flowers and spreads their pollen. Explain one way the butterfly depends on other living things in its habitat.

Answer Key — Ecosystem Connections

For the teacher / parent. Do not distribute with the worksheet.

1. food
2. shelter
3. water
4. The oak tree provides food for the squirrel.
5. food
6. The fox would not have enough food.
7. The bees help the flowers make seeds by spreading pollen.
8. The woodpecker creates shelter that the owl uses.
9. shelter or protection from predators
10. The butterfly depends on flowers for food (nectar).