

**McGraw-Hill Science © 2000, Texas Edition  
TAKS Practice Test**

**Grade 3, Chapter 11  
Getting Along**

**Name** \_\_\_\_\_

**Date** \_\_\_\_\_

Use the information below and your knowledge of science to answer Questions 1 to 3.

### A Tree Growing in Soil



- 1 How do small organisms in the soil help the tree?
- They break apart dead leaves, adding minerals to the soil.
  - They carry water to the tree's roots.
  - They add oxygen to the soil.
  - They take away water and minerals from the soil.
- 2 What producers are shown in the drawing?
- Worms and insects
  - The soil
  - The tree and grasses
  - The tree's roots

- 3** What is the habitat of the earthworm?
- The tree
  - The soil
  - The grasses
  - The air
- 4** What makes up an ecosystem?
- Living things only
  - Nonliving things only
  - All of the living things and nonliving things in an area
  - Plants, animals, and water
- 5** Where can you find living things in a pond ecosystem?
- Only in the deep water in the center of the pond
  - Only in the water near the edge of the pond
  - Only on the shore of the pond
  - In every part of the pond
- 6** Fleas live on a dog's skin. The fleas feed on the dog's blood, and their bites make the dog itch! What is the relationship between a flea and a dog?
- Producer and consumer
  - Parasite and host
  - Predator and prey
  - Partner and partner

Use the information below and your knowledge of science to answer Questions 7 to 10.

Grasshopper



Owl



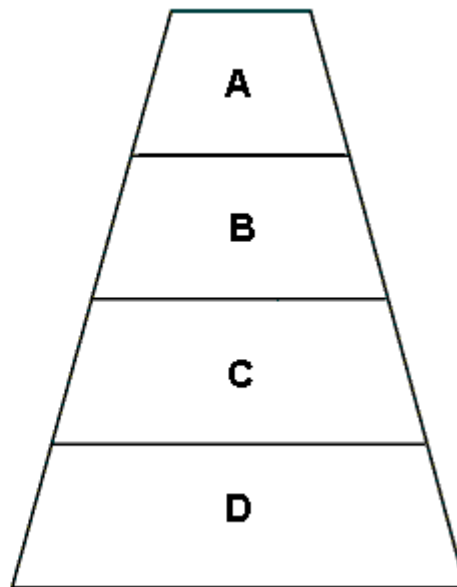
Field mouse



Grasses and other plants



Energy Pyramid for a Prairie Ecosystem

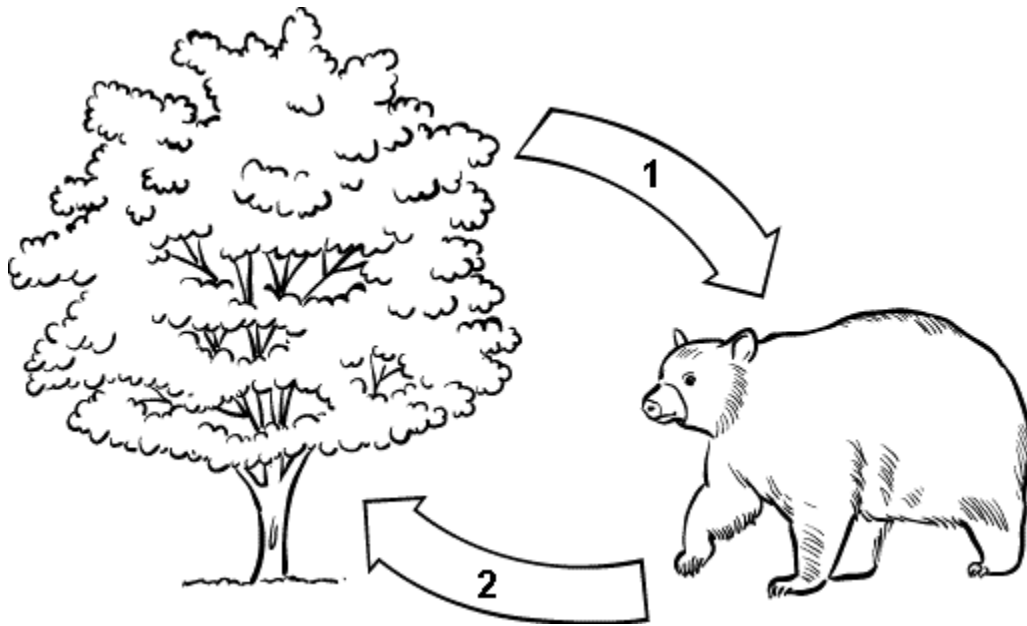


- 7 What belongs in Level A of the energy pyramid?
- Grasshopper
  - Grasses and other plants
  - Owl
  - Field mouse

- 8 What belongs in Level D of the energy pyramid?
- Grasshopper
  - Grasses and other plants
  - Owl
  - Field mouse
- 9 As shown in an energy pyramid, an ecosystem is home to \_\_\_\_\_.
- producers only
  - consumers only
  - more consumers than producers
  - more producers than consumers
- 10 What if a chemical poisoned the grasses on the prairie? What animals might not get enough food?
- The grasshoppers only
  - The grasshoppers and field mice only
  - All of the animals that live on the prairie
  - Grasshoppers and other grass-eating insects, but not larger animals.

Use the information below and your knowledge of science to answer Questions 11 and 12.

### How Plants and Animals Use Gases



- 11 How should the arrows be labeled?
- 1: Nitrogen 2: Oxygen
  - 1: Oxygen 2: Water
  - 1: Carbon dioxide 2: Water
  - 1: Oxygen 2: Carbon dioxide
- 12 How would the drawing change if the bear was replaced by a deer?
- The drawing would better fit its title.
  - The drawing would no longer fit its title.
  - The drawing would stay just as useful.
  - The drawing would become useless.

Use the information below and your knowledge of science to answer Questions 13 and 14.

### Desert Food Web



13 What do the arrows show in the drawing?

- What animals eat
- Where animals live
- How animals keep cool
- How animals move

14 What might the owl and hawk compete for?

- Oxygen to breathe
- Grasses to eat
- Mice to eat
- Cactus to eat

## Answer Key and Correlations

| Question | Answer                                                     | TAKS             | McGraw-Hill Science Grade 3 textbook |
|----------|------------------------------------------------------------|------------------|--------------------------------------|
| 1        | They break apart dead leaves, adding minerals to the soil. | 3.8A, 2.9B       | p. 325                               |
| 2        | The tree and grasses                                       | 5.9B             | p. 334                               |
| 3        | The soil                                                   | 3.8A             | p. 324                               |
| 4        | All of the living things and nonliving things in an area   | 3.8A             | p. 324                               |
| 5        | In every part of the pond                                  | 3.8A             | p. 326                               |
| 6        | Parasite and host                                          | 2.9B             | p. 347                               |
| 7        | Owl                                                        | 2.9B, 5.9B       | p. 339                               |
| 8        | Grasses and other plants                                   | 3.8C             | p. 339                               |
| 9        | more producers than consumers                              | 2.9B, 5.5B       | p. 339                               |
| 10       | All of the animals that live on the prairie                | 2.9B, 3.8C       | p. 339                               |
| 11       | 1: Oxygen 2: Carbon dioxide                                | 5.6B, 2.9B, 5.5B | p. 344                               |
| 12       | The drawing would stay just as useful.                     | 3.3C             | p. 344                               |
| 13       | What animals eat                                           | 2.9B, 3.3C, 5.5B | p. 338                               |
| 14       | Mice to eat                                                | 3.8B             | p. 338                               |