Food Webs and Energy Flow

Grade 5 Science Worksheet

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Forest Food Web

Tall oak trees grow in the forest. Caterpillars eat the leaves, and mice eat the seeds. A warbler eats the caterpillars, and an owl eats the mice. When living things in the forest die, mushrooms break them down.

1. Which organism is the producer?
   owl caterpillar warbler oak tree

2. What does the warbler eat?
   caterpillars owls mice oak trees

3. Which organism is a decomposer?
   caterpillars warblers oak trees mushrooms

4. Which organism eats the mice?
   caterpillar owl oak tree warbler

5. Where does the energy in the forest food web come from first?
   the soil the water the Sun the air

6. Which food chain shows how the energy moves?
   oak tree → caterpillar → warbler
   caterpillar → oak tree → warbler
   warbler → caterpillar → oak tree

7. What would most likely happen if all the caterpillars disappeared?
   the mushrooms would take over the forest
   the owls would starve at once
   the oak trees would stop growing
   the warblers would have less to eat

8. What do mushrooms do in the forest?
   make food from sunlight
   eat only living plants
   hunt the smaller animals
   break down dead plants and animals

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Answer Key - Grade 5 Science Worksheet

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