# Food Webs and Energy Flow

Grade 5 Science Worksheet - Building Confidence

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?
   oak trees mice owls caterpillars

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

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

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

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

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?
   hunt the smaller animals
   break down dead plants and animals
   eat only living plants
   make food from sunlight

**Scan to get this marked free. No screen time for your child.**
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

# Food Webs and Energy Flow

Answer Key - Grade 5 Science Worksheet - Building Confidence

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?
   oak trees  mice  owls  **caterpillars**

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

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

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

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

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?
   hunt the smaller animals
   **break down dead plants and animals**
   eat only living plants
   make food from sunlight