Food Webs and Energy Flow

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

READ THIS FIRST

A Desert Food Web

Prickly pear cactus grows in the hot, dry desert. Beetles and kangaroo rats eat parts of the cactus. A lizard eats the beetles, and an owl eats the kangaroo rats. When living things in the desert die, bacteria break them down.

1. Which organism is the producer?
   owl cactus lizard beetle

2. What does the lizard eat?
   beetles cacti kangaroo rats owls

3. Which organism is a decomposer?
   cacti lizards beetles bacteria

4. Which organism eats the kangaroo rats?
   beetle owl cactus lizard

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

6. Which food chain shows how the energy moves?
   beetle → cactus → lizard cactus → beetle → lizard lizard → beetle → cactus

7. What would most likely happen if all the beetles disappeared?
   the cacti would stop growing
   the owls would starve at once
   the bacteria would take over the desert
   the lizards would have less to eat

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

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 Desert Food Web

Prickly pear cactus grows in the hot, dry desert. Beetles and kangaroo rats eat parts of the cactus. A lizard eats the beetles, and an owl eats the kangaroo rats. When living things in the desert die, bacteria break them down.

1. Which organism is the producer?
   owl **cactus** lizard beetle

2. What does the lizard eat?
   beetles cacti kangaroo rats owls

3. Which organism is a decomposer?
   cacti lizards beetles **bacteria**

4. Which organism eats the kangaroo rats?
   beetle **owl** cactus lizard

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

6. Which food chain shows how the energy moves?
   beetle → cactus → lizard **cactus → beetle → lizard** lizard → beetle → cactus

7. What would most likely happen if all the beetles disappeared?
   - the cacti would stop growing
   - the owls would starve at once
   - the bacteria would take over the desert
   - **the lizards would have less to eat**

8. What do bacteria do in the desert?
   - make food from sunlight
   - **break down dead plants and animals**
   - hunt the smaller animals
   - eat only living plants