Ecosystems and food chains worksheet

5th grade science · Life Science

Name _____ Date _____

For grown-ups: 8 questions from our ecosystems and food chains practice, easier ones first. Read a question aloud if your child wants that, then check together with the answer key on page 2. Circle one answer for each problem.

1. **An animal that eats other animals is a ___.**
   ○ Carnivore ○ Producer ○ Herbivore

2. **Decomposers break down dead plants and animals.**
   ○ Yes ○ No

3. **An animal that eats only plants is a ___.**
   ○ Herbivore ○ Decomposer ○ Carnivore

4. **Plants make their own food using ___.**
   ○ Meat ○ Sunlight ○ Soil only

5. **Which one is a decomposer?**
   ○ Sunflower ○ Fungus ○ Eagle

6. **An animal that eats both plants and animals is an ___.**
   ○ Omnivore ○ Herbivore ○ Carnivore

7. **A food web shows many connected food chains.**
   ○ Yes ○ No

8. **In a food chain diagram, what do the arrows show?**
   ○ Which animal is biggest
   ○ Energy moving to the eater
   ○ Where the animals sleep

Answer key: Ecosystems and food chains

5th grade science · More practice and a guide for parents at tutorsaurus.com/learn/5th-grade/ecosystems

1. **Carnivore**
   Carnivores eat other animals. Lions, sharks and hawks are carnivores.
2. **Yes**
   True! Decomposers like fungi, worms and bacteria break down dead things and return nutrients to the soil.
3. **Herbivore**
   Herbivores eat only plants. Cows, rabbits and deer are herbivores.
4. **Sunlight**
   Plants use sunlight, water and air to make their own food. This is called photosynthesis.
5. **Fungus**
   Fungi are decomposers. They break down dead wood and leaves. Eagles are consumers and sunflowers are producers.
6. **Omnivore**
   Omnivores eat both plants and animals. Bears, raccoons and most people are omnivores.
7. **Yes**
   True! Most animals eat more than one thing, so food chains link together into a food web.
8. **Energy moving to the eater**