

Bea's Buzzing Food Chain Quiz

Learning objective: To identify and describe the roles of producers, predators, and prey within a food chain.

Help Bea the honeybee explore the garden! Read each question carefully and circle the correct answer or write your answer in the space provided.

Answer Key: 1. A (Producer), 2. True, 3. False, 4. B (Predator), 5. Prey, 6. Sun, 7. C (Herbivore), 8. True, 9. Consumer, 10. B (Grass). Food chains show how energy moves from plants to animals.

Word bank: Producer · Consumer · Predator · Prey · Energy · Sunlight

1. 1. What do we call a living thing that makes its own food using sunlight? A) Producer* B) Consumer C) Predator D) Decomposer (1 mark)

2. 2. True or False: All food chains start with energy from the Sun. (1 mark)

3. 3. True or False: A rabbit is a predator because it eats grass. (1 mark)

4. 4. Which word describes an animal that hunts and eats other animals? A) Producer B) Predator* C) Prey D) Plant (1 mark)

5. 5. What do we call an animal that is hunted and eaten by another animal? (1 word) (1 mark)

6. 6. In a food chain, what provides the energy for a plant to grow? (1 word) (1 mark)

7. 7. Which of these is a consumer? A) A rose bush B) An oak tree C) A hungry caterpillar* D) A sunflower (1 mark)

8. 8. True or False: If a predator is removed from a food chain, the number of prey might increase. (1 mark)

9. 9. A living thing that eats plants or other animals to get energy is called a _____. (1 mark)

10. 10. Which is the producer in this chain: Sun -> Grass -> Rabbit -> Fox? A) Fox B) Grass* C) Rabbit D) Sun (1 mark)

Draw: Draw a food chain that you might find in a UK park. Include the Sun, a plant, and at least two animals. Use arrows to show the direction the energy travels.



Extension challenge: Imagine a garden where there are no predators. What do you think would happen to the number of insects and small animals? Write three sentences explaining your ideas.