

Bea's Brilliant Food Chain Quiz

Learning objective: To identify and name sources of energy in food chains, including producers, predators, and prey.

Read each question carefully. Use your scientific knowledge of habitats and energy to choose or write the correct answer. Good luck!

Answer Key: 1. A (Producer); 2. True; 3. Predator; 4. B (Carnivore); 5. False (Plants get energy from the Sun); 6. Prey; 7. C (Green plants); 8. True; 9. Herbivore; 10. Sun.

Word bank: Producer · Consumer · Predator · Prey · Herbivore · Carnivore · Energy

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

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

3. 3. If a lion hunts a zebra, what is the lion called in the food chain? (1 mark)

4. 4. An animal that eats only other animals is a: A) Herbivore B) Carnivore* C) Producer D) Plant (1 mark)

5. 5. True or False: A consumer makes its own energy from the air. (1 mark)

6. 6. An animal that is hunted and eaten by another animal is known as what? (1 mark)

7. 7. Which of these is the start of most food chains? A) A fox B) A rabbit C) Green plants* D) A lion (1 mark)

8. 8. True or False: A herbivore only eats plants. (1 mark)

9. 9. What name do we give to an animal that only eats plants? (1 mark)

10. 10. In a food chain, what does the arrow represent? (Hint: It shows the flow of...) (1 mark)

Draw: Draw a food chain you might find in a garden. Start with the Sun, then a green plant, then an insect, and finally a bird. Remember to draw arrows showing the energy moving from one to the next!



Extension challenge: Bea the honeybee wants to know: What would happen to the food chain if all the plants disappeared? Write three sentences explaining your thoughts.