

Bea's Brilliant Food Chain Explorer

Learning objective: To identify and describe how animals obtain their food from plants and other animals, using the terms producer, predator, and prey.

Help Bea the honeybee map out a food chain! Use the word bank to help you label each part of the chain correctly. Remember, a food chain always starts with a producer that gets its energy from the sun.

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

1. The Producer: Identify the plant in your food chain. Why is this plant called a 'producer' and what does it need to grow? (2 marks)

2. The First Consumer: Who eats the producer? Is this animal a herbivore, carnivore, or omnivore? Explain how you know. (2 marks)

3. The Predator and Prey: Explain the relationship between the second and third animal in your chain. Which one is the predator and which is the prey? (2 marks)

4. Energy Flow: Draw an arrow between your animals. What do these arrows represent in a food chain and why do they point in that direction? (2 marks)

5. Changing Conditions: What might happen to the predator in your food chain if the producer were to disappear? Explain your prediction. (3 marks)

Extension challenge: Choose a different habitat, such as a pond or a forest, and write a paragraph explaining how the food chain would look different there.