

Bea's Garden Food Chain Adventure

Learning objective: To identify and construct food chains, identifying producers, herbivores, and carnivores.

Follow the steps below to complete your food chain diagram. Use your best scientific drawing skills to show how energy flows from the sun to the garden creatures.

Draw: Create a clear, scientific diagram of a garden food chain. Use a landscape orientation. Start with a glowing sun at the top. Below, draw a green flowering plant, a butterfly, and a small bird. Use neat, straight arrows to show the direction of energy transfer (from the plant to the butterfly, then to the bird). Keep your drawings simple and tidy so you have enough space to add your labels from the word bank clearly.



Label words: Sun · Producer · Primary Consumer · Secondary Consumer · Herbivore · Carnivore · Energy flow

Steps:

1. Step 1: Draw a large, bright sun in the corner of your page. Draw an arrow pointing from the sun to a green plant. Why is the sun important for the plant?
2. Step 2: Draw a butterfly landing on your plant. Label the plant as the 'Producer' and the butterfly as the 'Primary Consumer'. Is the butterfly a herbivore or a carnivore?
3. Step 3: Draw a small garden bird eating the butterfly. Label the bird as the 'Secondary Consumer'. Is this

bird a carnivore?

4. Step 4: Draw arrows between each organism. What do these arrows represent in a food chain?

5. Step 5: Bea the honeybee asks: What would happen to the bird if all the plants in the garden disappeared? Explain your answer.