

Science Drawing Sheet: Exploring Food Chains

Learning objective: To identify and construct a food chain, understanding the roles of producers, consumers, and predators in a habitat.

Follow the drawing prompt to create your habitat diagram. Use the word bank to label your food chain clearly. Remember to draw arrows to show the direction of energy flow.

Draw: Create a detailed scene of a woodland habitat. On the left side, draw a green plant (the producer). Next to it, draw a small insect or snail (the primary consumer) eating the plant. Next, draw a bird (the secondary consumer) looking at the insect. Finally, on the right, draw a fox (the tertiary consumer) watching the bird. Use clear arrows to connect each animal to the one it eats. Ensure the style is a neat, scientific diagram with clear labels.



Label words: Producer · Primary Consumer · Secondary Consumer · Tertiary Consumer · Energy Flow · Habitat

Steps:

1. Draw an arrow between each organism. Which way should the arrow point and why?
2. If all the producers in this habitat disappeared, what would happen to the secondary consumers? Explain your reasoning.
3. Label your drawing with the word 'Producer' pointing to the correct organism.

4. Label your drawing with the word 'Tertiary Consumer' pointing to the top predator.
5. Describe one way the primary consumer is adapted to eat the producer.