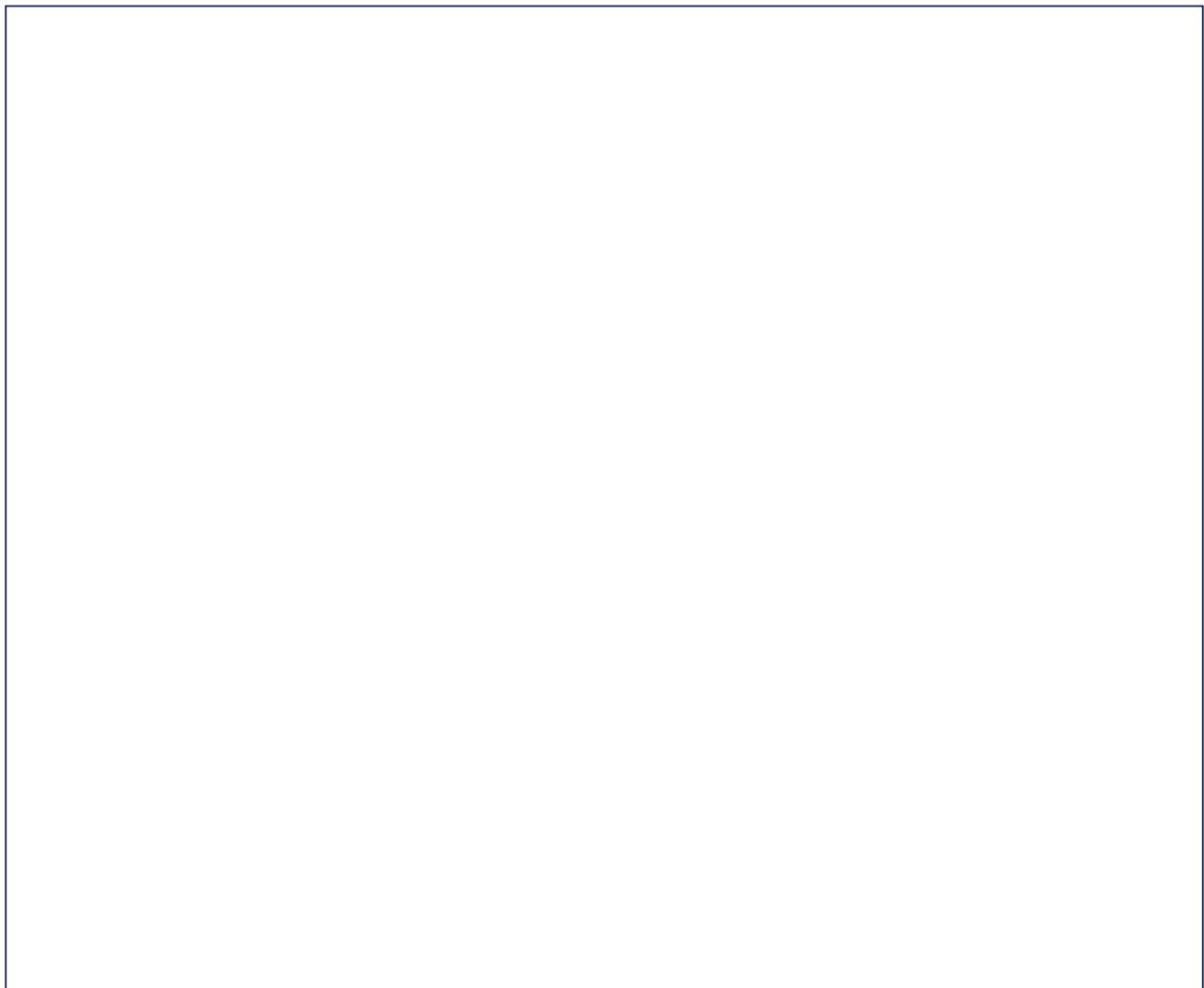


Nova's Woodland Food Chain Adventure

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

Follow the steps to build your food chain diagram. Use the word bank to label your drawing accurately. Make sure to draw arrows pointing in the direction of energy flow (from the organism being eaten to the consumer).

Draw: Create a clear, scientific diagram of a woodland food chain. Style: Neat, labelled scientific illustration. Start with a bright sun at the top left. Draw a sequence from left to right: a green oak leaf (Producer), a small caterpillar (Primary Consumer), a blue tit (Secondary Consumer), and a hawk (Tertiary Consumer). Use clear, solid arrows between each organism to show energy transfer. Ensure labels are written clearly in print.



Label words: Producer · Primary Consumer · Secondary Consumer · Tertiary Consumer · Energy Source

Steps:

1. Step 1: Draw a sun in the corner and a green plant in the centre. Label the plant as the 'Producer'.
2. Step 2: Draw a caterpillar eating the plant and a blue tit bird eating the caterpillar. Label them correctly using the terms from the word bank.
3. Step 3: Draw a hawk at the end of the chain. Label it as the 'Tertiary Consumer'.
4. Explain why the arrows in your food chain point from the plant to the caterpillar, rather than the other way

around.

5. What would happen to the population of caterpillars if the blue tit population suddenly decreased? Use your diagram to explain.