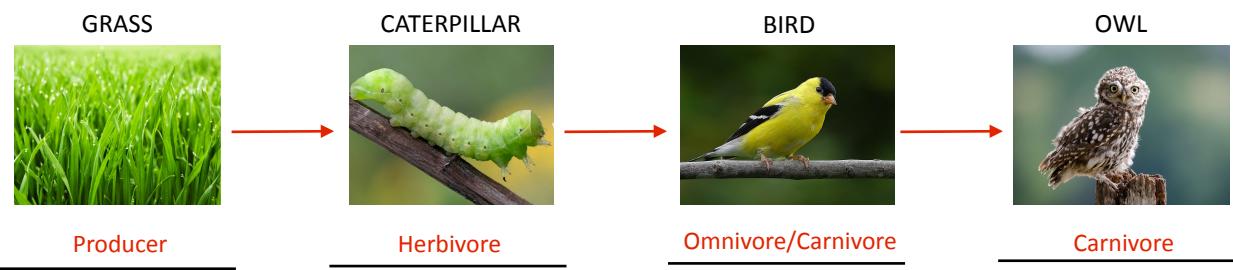


FOOD CHAINS

1. Look at the food chain below and label if the organism is a producer or consumer. Be specific when naming the consumers. (4 marks)



Add arrows to the food chain. (1 mark)

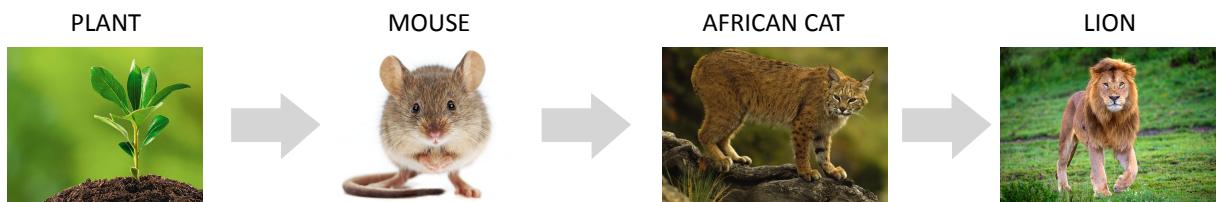
What do the arrows show? (1 mark)

Shows the direction of energy flow. Show what eats what in an ecosystem.

Explain what is happening in the food chain. (2 marks)

The grass grows, the caterpillar eats the grass, the bird eats the caterpillar and the owl eats the bird (1). Energy goes from the producer to the consumers (1).

2. Look at the food chain below.



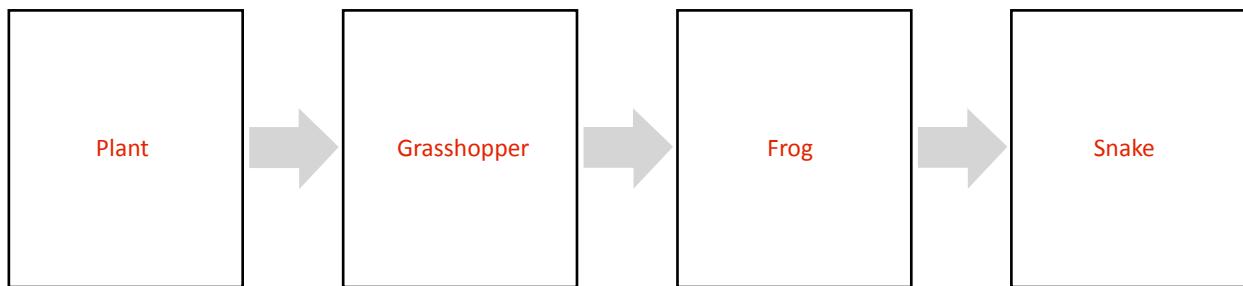
Where do plants get their energy from as a producer? (1 mark)

The sun

What in the food chain above is the second level or secondary consumer? Why? (2 marks)

The bobcat (1) because the plant is a producer and the mouse is the first level or primary consumer so the bobcat is the second level or secondary consumer (1).

3. Order and draw a snake, grasshopper, plant and frog into the food chain below. (4 marks)



Which organisms are prey in this food chain? (1 mark)

Plant, Grasshopper, Frog

Which organisms are predators in this food chain? (1 mark)

Grasshopper, Frog, Snake

4. What is a decomposer and what is its role in a food chain? (2 marks)

To eat/consume dead organisms and waste (1) and process the matter to produce nutrients (1) back into the soil.

Construct a 5-level food chain below with you (a human) in it. Include a decomposer. (6 marks)

Includes a producer (1)
Includes a herbivore and a carnivore/omnivore (2)
Includes a human (1)
Includes a decomposer (1)
Arrows are pointing in the correct direction (1)