

A photograph of a wolf standing in a forest. The wolf has grey, brown, and white fur. A semi-transparent circular overlay is centered over the wolf's head and neck. Inside this circle, the words "FOOD CHAINS" are written in a large, bold, white, sans-serif font with a black outline. The background shows a dirt path, green grass, and tree trunks in a wooded area.

FOOD CHAINS

FOOD CHAINS

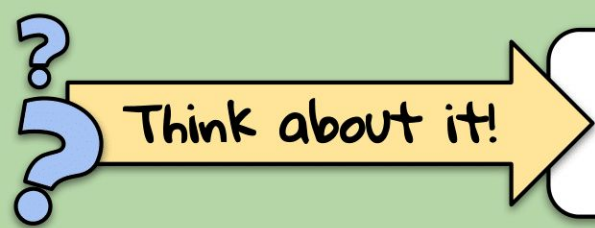
- An **ecological niche** describes the role an organism plays in a community.
- Species have different migration patterns, diets, activity levels, behaviours, and reproductive cycles.
- These factors can be described in the species' ecological niche.



FOOD CHAINS

- Food chains show how each living thing gets food and how nutrients are passed from species to species.
- Everything in a food chain is either a producer, a consumer, or a decomposer.





Activate prior knowledge. Drag and drop each description to each animal diet.

Herbivore	
Carnivore	
Omnivore	
Scavenger	

Animals that eat both plants and animal meat.

Animals that consume dead organisms that have died from causes other than their own predation.

Animals that only eat meat from other animals.

Animals that only eat plants.



Think about it!

Is each species a producer, consumer, or decomposer?
Explain your thinking.

Grasshopper



Lichen



Flower





Think about it!

Is each species a producer, consumer, or decomposer?
Explain your thinking.

Owl



Mole



Cactus





Think about it!

Is each species a producer, consumer, or decomposer?
Explain your thinking.

Spider



Centipede

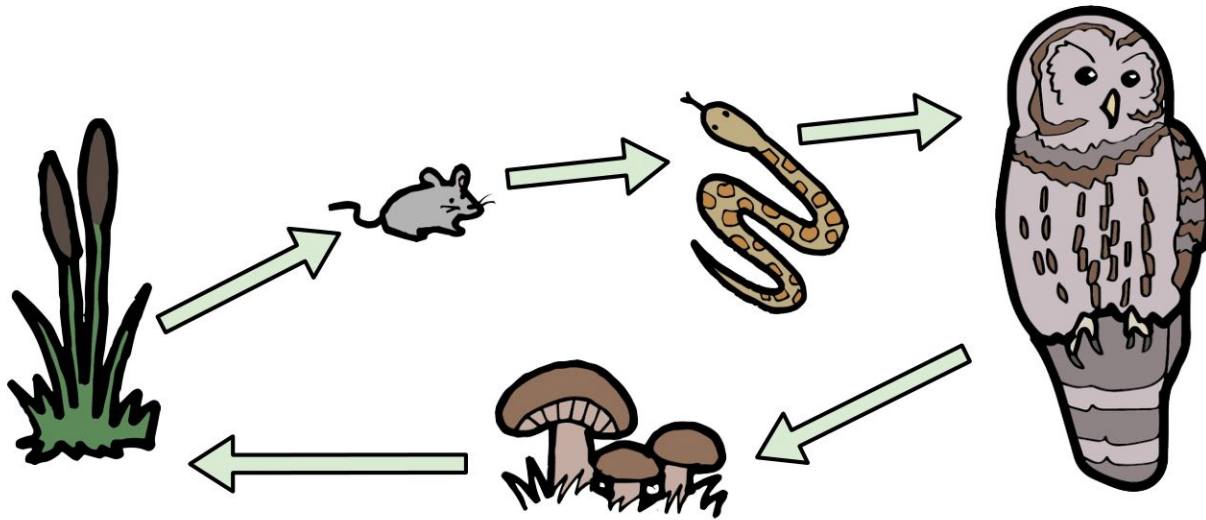


Mould



FOOD CHAINS

- This is an example of a food chain:



What are the producers, consumers, and decomposers?



Describe
another
example of a
food chain.



FOOD WEBS

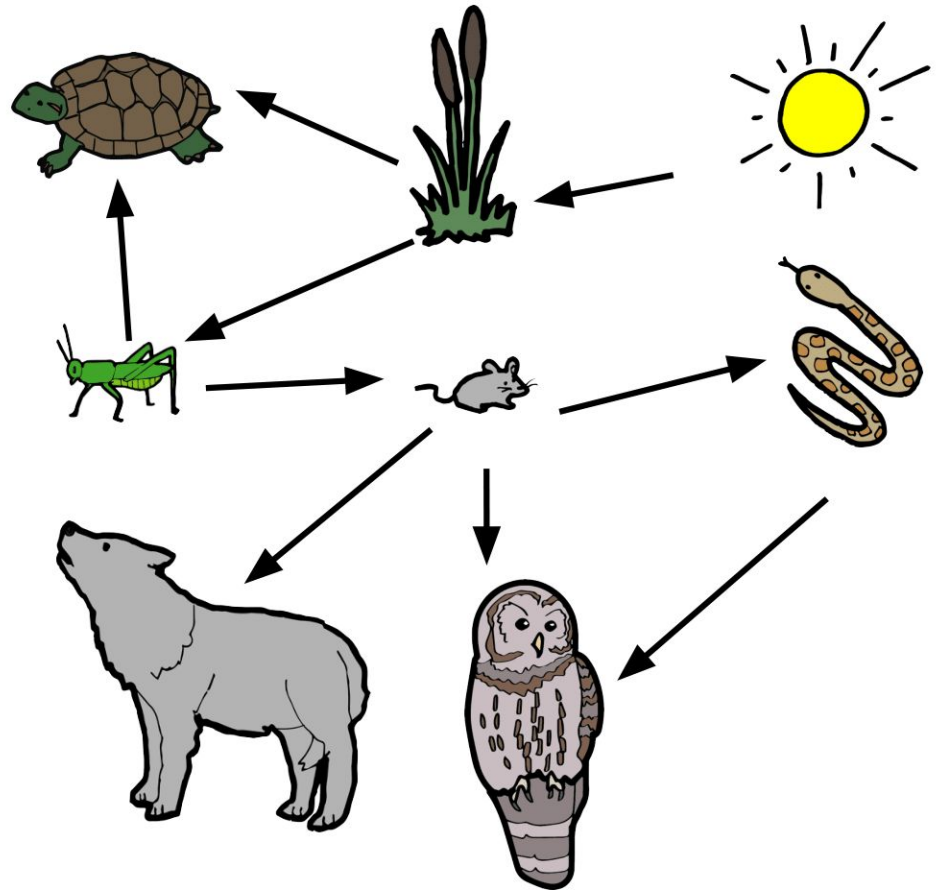
- A food web shows multiple connections between different organisms.
 - A food chain only shows one piece of a food web.

Why might it be helpful to look at a food web instead of a food chain?



FOOD WEBS

- Arrows on a food web represent the flow of energy.
- The arrows point in the direction that energy is given.
 - **Example:** A mouse gives energy to (feeds) a snake.





How are food chains different from food webs?

