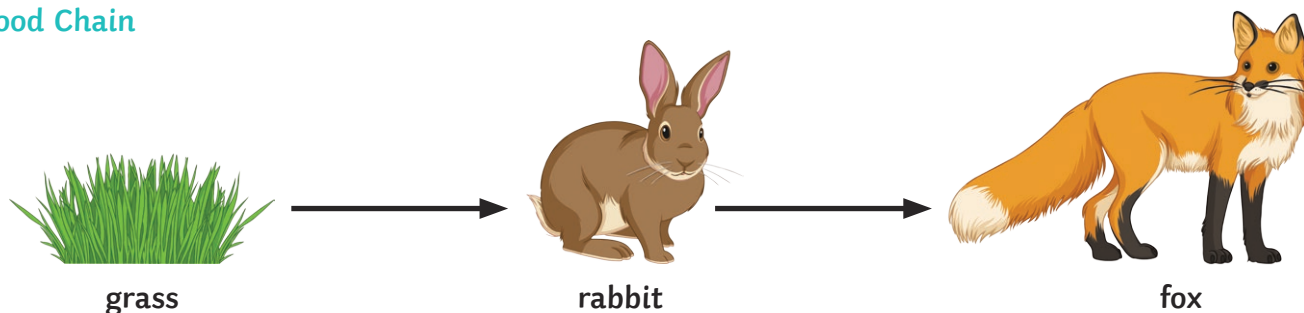


Key Revision Facts

- **Food chains** show the flow of energy from one organism to another.

Food Chain



- **Food webs** are several food chains linked together.
- The **predator/prey relationship** graph shows that the number of surviving predators is linked to the number of prey available. When there is an increase in the prey population, an increase in the predator population will follow.
- Plants are **producers**; they make their own food through the process of photosynthesis.
- **Consumers** are organisms that eat other animals or plants to obtain food.
- **Population**: all the members of a single species living in a habitat.
- **Community**: all the populations living in a habitat.
- **Habitat**: the place where an organism lives.
- **Bioaccumulation** occurs when toxins build up in a food chain. The animals at the top of the food chain are affected the most.
- An example of bioaccumulation involves the pesticide **DDT**.
 - DDT was sprayed onto the crops, which were eaten by small organisms;
 - the toxins in DDT were built up within the food chain;
 - it affected birds of prey, making their egg shells very thin and easy to crack.

