

What I should already know

Animals obtain their food from plants and other animals. These can be represented in food chains

Key Facts

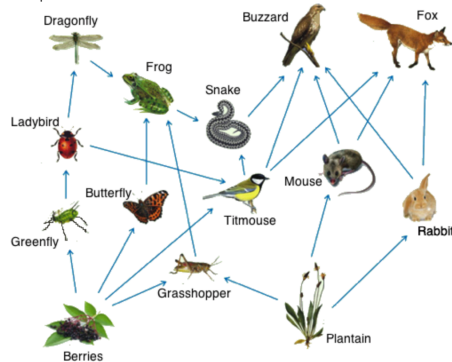
A **carnivore** only eats meat and has bigger incisors and canines

A **herbivore** only eats plants and has more pre-molars and molars

An **omnivore** eats both meat and plants

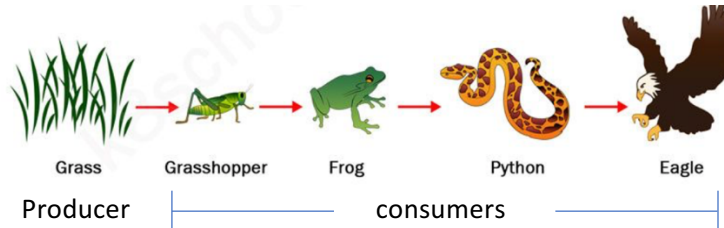
A food chain represents the direction of energy from eating a plant or animal

A food web consists of several food chains all linked together



When one part of a **food chain** is not there the things before it would be out of control and the things after it would not survive

Explaining a food chain



The grass is a producer as green plants make their own 'food' through photosynthesis.

The grasshopper is a primary consumer as it eats the grass.

The frog (a predator) is a secondary consumer as it eats the grasshopper (prey).

The python (a predator) is a tertiary consumer as it eats the frog (prey).

The eagle (predator) is a quaternary consumer as it eats the python (prey). The eagle is at the top of the food chain as it doesn't get eaten by anything else.

The grasshopper is a herbivore as it eats only plants.

The other animals are all carnivores.

Vocabulary

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| carnivore | an animal that eats meat |
| consumer | A person or animal which eats a plant or animal |
| herbivore | an animal that only eats plants |
| omnivore | person or animal eats all kinds of food, including both meat and plants |
| predator | a creature which hunts and eats another creature |
| prey | a creature which is hunted and killed by another creature |
| producer | Something which produces its own nutrition – a plant |