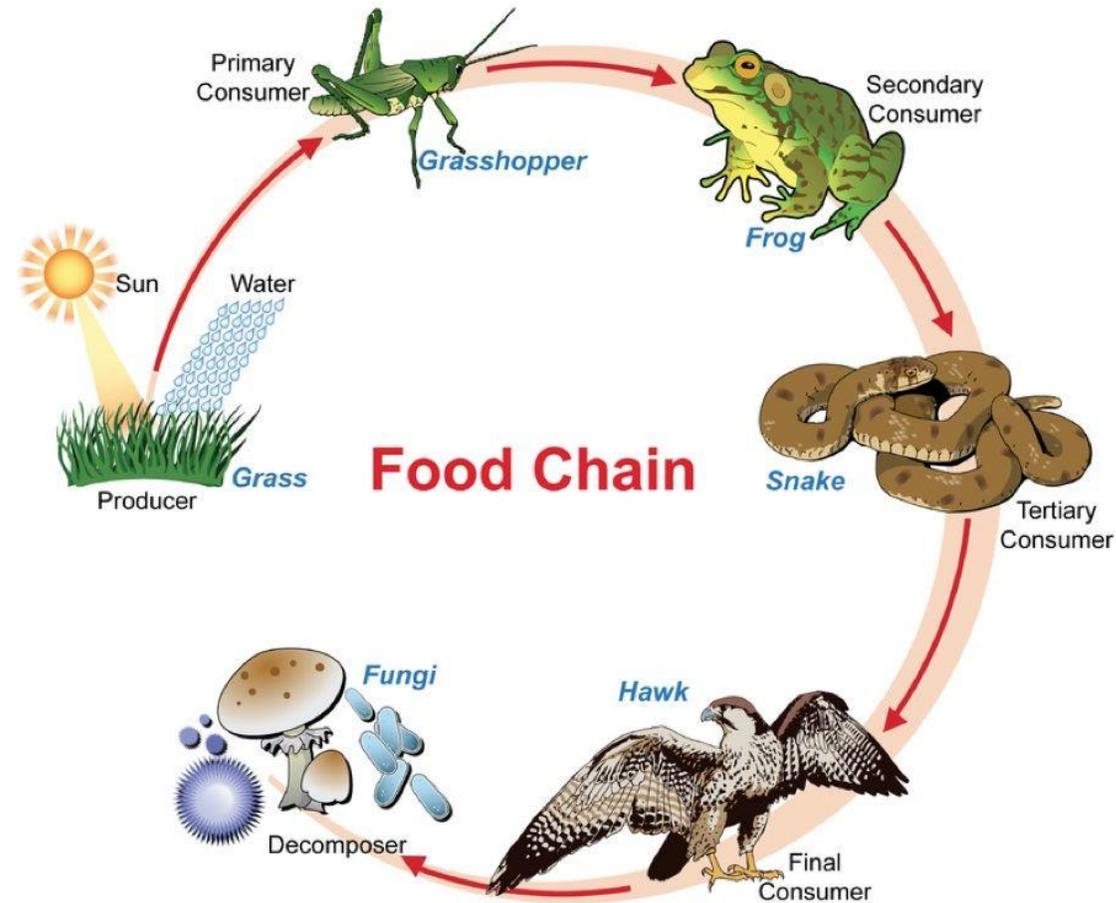


Who's the predator?



LO: To be able to interpret food chains and discuss the impact of changes to a chain

Success criteria:

I can define 'predator', 'prey' and 'producer'.

I can make links between plants and animals in the form of food chains.

I know the impact a break in the food chain may have.

Key vocabulary

producer

predator

prey

consumer

herbivore

omnivore

carnivore

impact

food chain

Recap

What do we know about the diet of the following types of animals?



Herbivore



Omnivore



Carnivore

Some people choose to be vegetarians and avoid meat and some people choose to be vegans and avoid all animal related foodstuffs. This is close to being a herbivore but a herbivore has no choice and can only survive by eating plants!

What is a predator and a prey?



For example, a fox is a predator and its prey may be a rabbit or a pheasant.

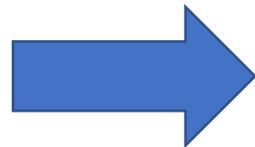
<https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/zwbtxsg#:~:text=A%20food%20chain%20always%20starts,animals%20is%20called%20a%20consumer.>

What is a food chain?

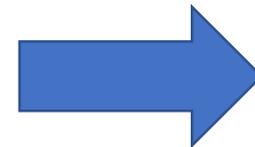
Food chains are a way of showing the different feeding relationships in a habitat.

What does the arrow indicate?

Grass



Rabbit



Fox



What did the food chains both start with?



?

Herbivores eat the plants and then they are eaten by carnivores or omnivores, so the food (energy) is passed along the 'chain'.

Catch up year 3

- Flowers are vital to the reproduction of flowering plants.
- Flowers are made up of several different parts.
- Each part is important in it's own special way.

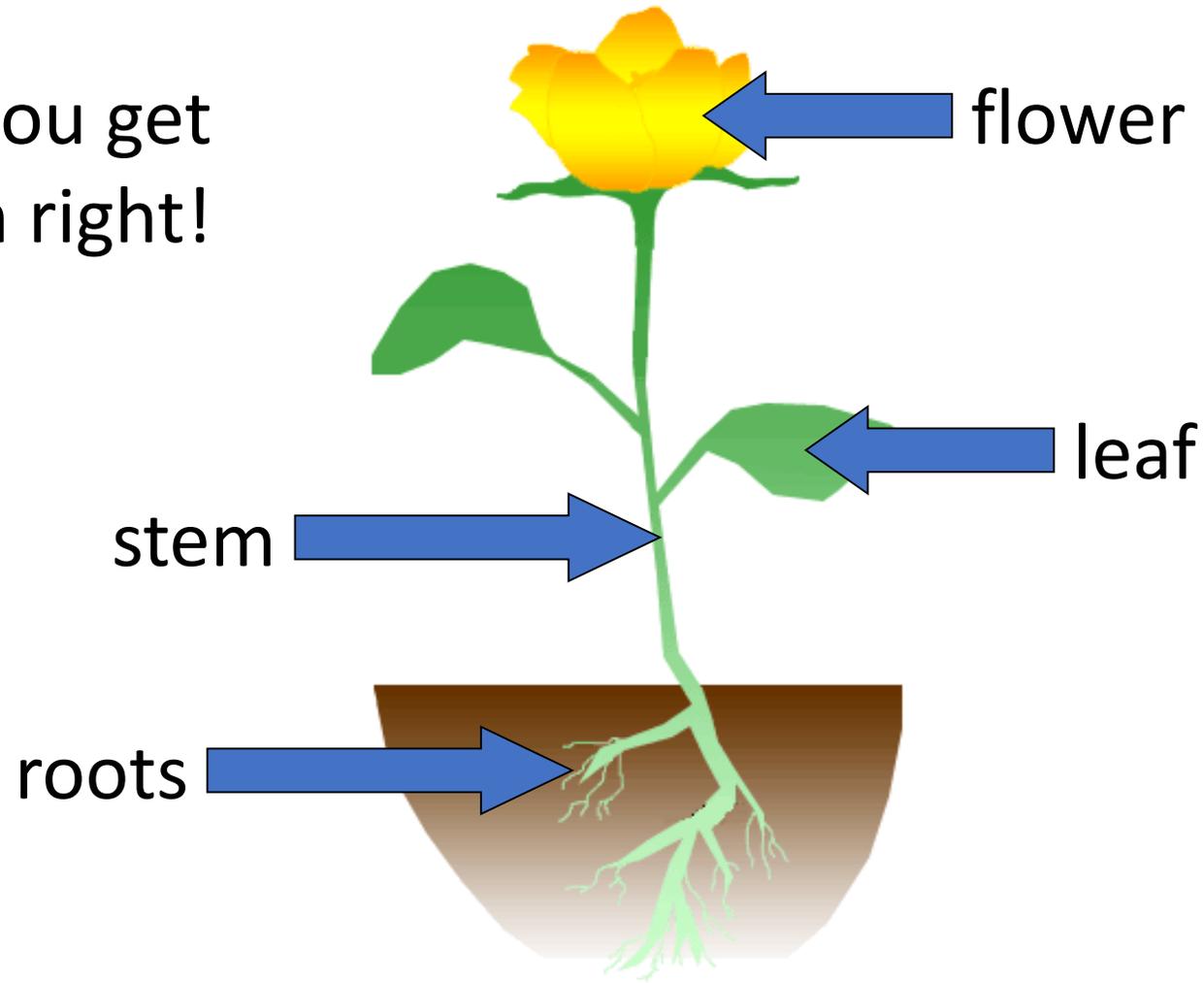
Parts of a flowering plant

Can you name all the parts of this plant?

Click on the arrows to see if you are correct!

<https://www.youtube.com/watch?v=CqYe6kN7jrQ>

Did you get them right!



What do plants need for healthy growth?

A healthy plant is usually upright with green leaves.

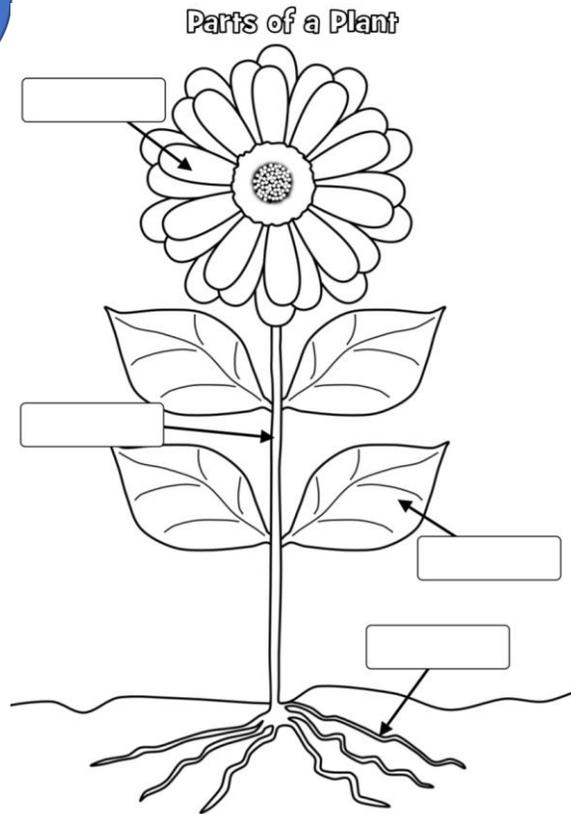
Plants need **air, light, warmth, water and nutrients** to be healthy.

If a plant doesn't have one of these requirements it could affect its growth or even die.

Catch up year 3 tasks

Task 1

Stick in the diagram and label the parts of the plant



Task 2

Complete the following paragraph in your books

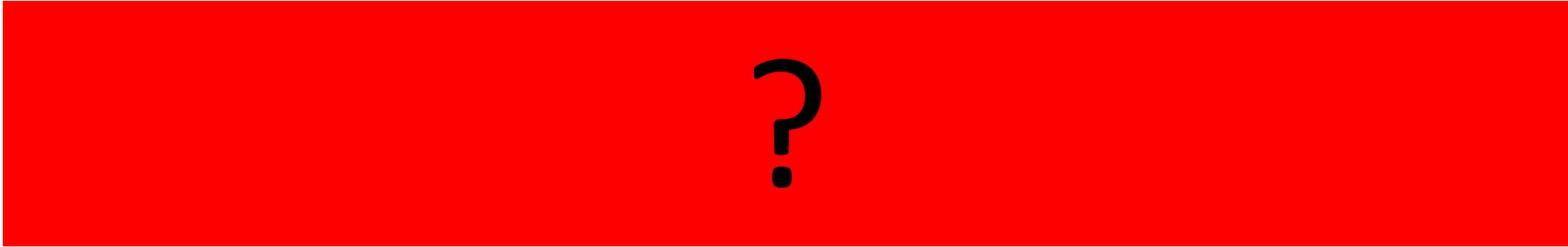
Many plants need _____ from the sun.

Many plants need _____ or they will dry out.

Many plants use _____ to grow their roots in.
They get the nutrients they need from the soil.

Plants need _____ and _____ that they use to make food.

What do we call the other organisms in the food chain?



?





These small animals are **consumers**.

Q: What animals are these and what do they eat? (buzz-talk, 10seconds)

Grasshoppers and **Caterpillars** eat plant leaves.
Woodlice and **Worms** eat tiny bits of dead plant in soil.

Animals that eat plants are called:

Herbivores

These animals are also **Prey**.

This means that they are eaten by larger animals.



Q: What larger animals could prey on (eat) these small animals? (buzz-talk, 10seconds)



These animals are **consumers**.

They **prey on** (eat) the small insects and animals that eat mainly plants.

Q: Can you name these **consumers**?

They are: **Sparrow**
 Mole
 Frog
 Hedgehog
 Rook

Interesting Fact:

A **Rook** is a large bird. It will often eat the eggs of smaller birds like the Sparrow

Q: What types of animals do you think would eat these animals? (buzz-talk, 10 seconds)



What happens when an organism dies?



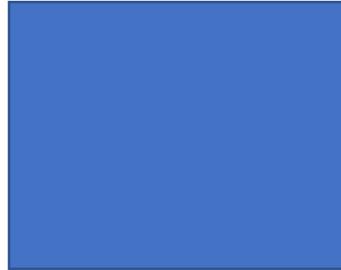
?

Fill the gaps in these food chains using animals and plants.

Barley

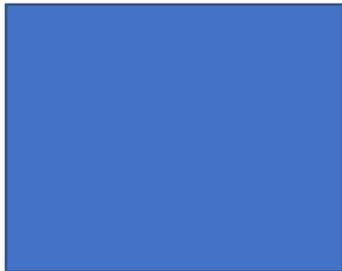
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Tawny Owl



?

Honey Bee



Field Spider

?

Chaffinch



?



What will happen if one plant or animal in a food chain is removed?

<https://www.bbc.co.uk/teach/class-clips-video/food-chains-and-food-webs-in-animals/zn7g92p>

Pause at 3.23 mins to discuss the above question.

Task

You will be completing a worksheet answering questions on food chains. Remember to answer in full sentences.

Extension: Write as many statements as you can about this food web. What would happen if one animal suddenly grew or shrunk in number?

