

Science - Microhabitats

A **microhabitat** is a small area with different conditions to the surrounding area.



under logs and stones



grass



leaf litter



soil

Minibeasts are small creatures without a backbone.

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woodlouse



ladybird



snail



worm

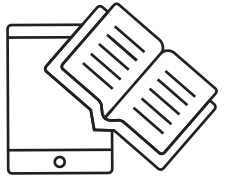


Minibeasts live in microhabitats that provide them with **food** and **shelter**.

Scientists use **super Science skills** to find answers to questions.

Super Science skills

Researching



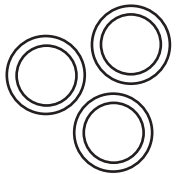
Observing over time



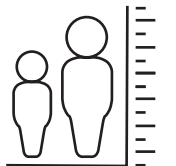
Comparative and fair testing



Grouping



Spotting patterns



Materials have properties that suit the uses of many different objects.



Metal is waterproof, strong and stiff.

Objects are often made from different materials.



metal

wood

plastic

Some solid objects are made from materials that can change shape.



stretch



twist



bend



squash

material	What objects are made from.
property	How a material is described.
suitable	The best choice.

leaves	They use light to make food for the plant.
roots	They take up water and nutrients from the soil.
flowers	They make seeds so new plants can grow.

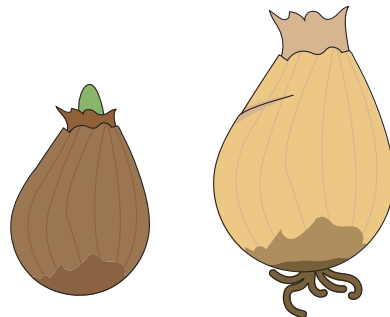
- Seeds contain a store of **energy**.
- **Germination** is when a new plant starts to grow.
- A seed needs **water** and **warmth** to germinate.



The **shoot** is the first green part of a plant to grow from a seed.

Bulbs

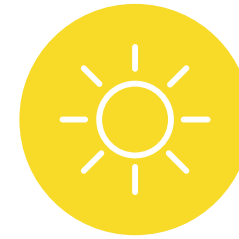
Rounded roots from which new plants can grow.



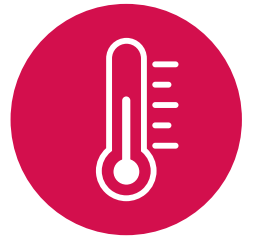
What do plants need for healthy growth?



water

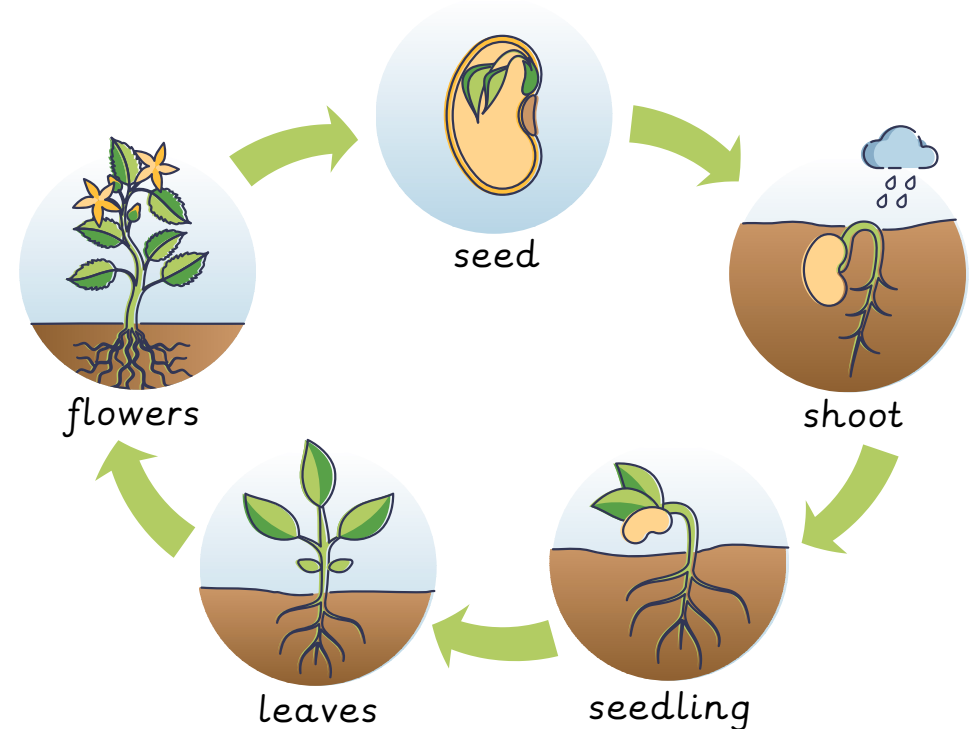


light



warmth

Plant life cycle



Animal groups

mammals



- Fur or hair.
- Drink milk from their mothers.
- Give birth to live young.

birds



- Two wings and two legs.
- Beak and feathers.
- Lay eggs.

reptiles



- Dry, scaly skin.
- Breathe with lungs.
- Lay eggs.

amphibians



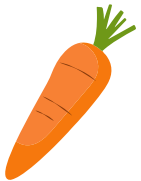
- Moist skin.
- Live on land and water.
- Lay eggs.

fish



- Scales.
- Gills.
- Lay eggs.

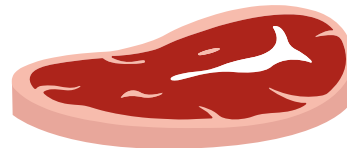
herbivores



eat plants



omnivores



eat plants and animals

carnivores



eat animals

Animal body parts

beak

fin

horn

paws

gills

whiskers

shell

tail

trunk

wings

claws

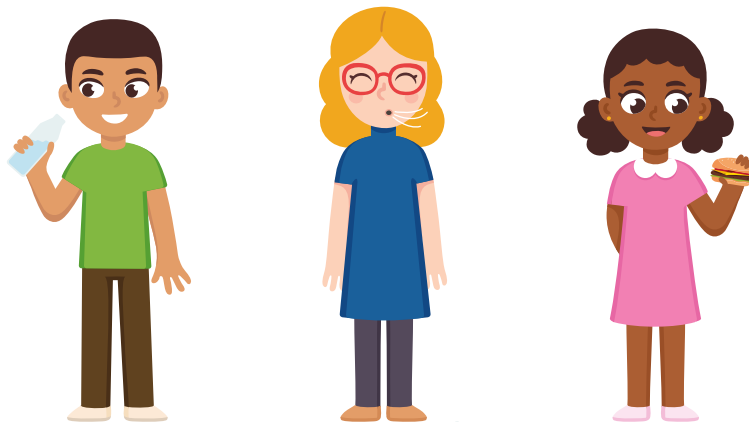
snout

Human life cycle



baby toddler child teenager adult

Basic needs for survival



water

air

food

Personal hygiene



health

How the body feels.

hygiene

Keeping things clean.

life cycle

The stages an animal goes through to become an adult.

offspring

Young animals or plants produced by parents.

survive

To continue to live.