

OUR GREEN PLANET: WHAT'S ALL THE FUSS ABOUT PROTECTING TREES?

Key Vocabulary

Word	Definition
habitat	natural home of an animal, plant or organism
suitable	right or appropriate for a certain organism, purpose or situation
adapt	become adjusted to conditions
germination	when a new plant grows out of its seed shell in the right conditions
shoot	following germination, a shoot grows upwards from the seed or plant to find sunlight
seed dispersal	when seeds move away from the parent plant (usually helped by the wind or animals)
survival	how something continues to live
food-chain	a series of organisms, each dependent on the next for food
environment	the conditions of a certain place
shelter	a place giving protection
compare	to examine similarities and differences

Subject focus: Science

What should you already know?

There are lots of different types of plant.

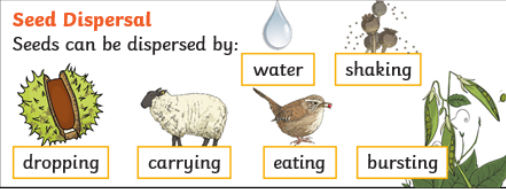
There are some things that are alive, some which have never been alive and some which are no longer alive.

Plants and animals live together in habitats.

Science learning 1: Plants

Plants Grow Almost Everywhere

Know that plants can grow almost anywhere on Earth and have certain characteristics which help them survive.

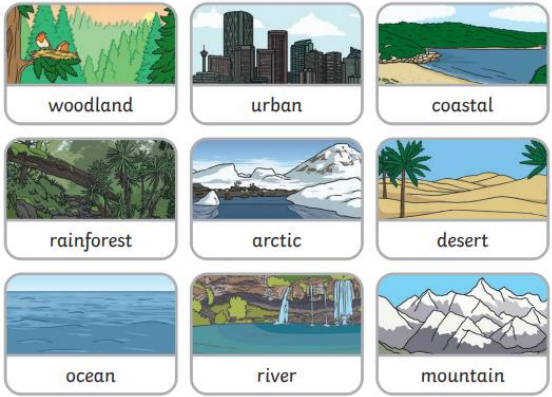


Plants are all similar in that they need water, air (carbon dioxide and **oxygen**), light, the right temperature and space to grow.



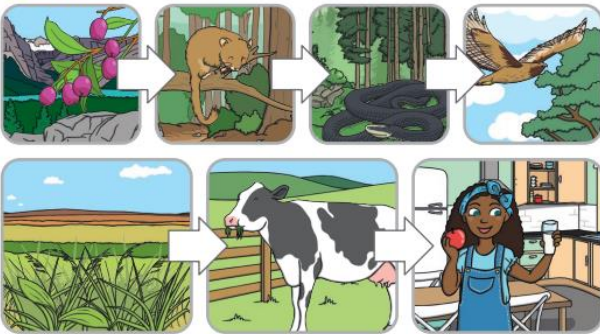
Science learning 2: Habitats and Food Chains

Examples of **habitats**:



- different habitats and micro-habitats
- creatures and plants that live there

Food chains. The arrows mean 'is eaten by'.



- what food chains are
- how they work in different habitats

Oracy Challenge!

Can you answer our question with a 1-minute speech? What would be your most important pieces of information to back up your thoughts?

Remember: body language, volume and make your voice clear



Geography learning: Rainforests

Key Vocabulary

climate	The average weather conditions over a long period of time.
deforestation	The cutting down and clearing of forests.
equator	An imaginary circle running round the centre of the earth.
humid	Feeling very damp due to water vapour in the air.
native tribes	The original settlers of an area.
species	A group of similar animals or plants
weather	The specific condition on a given day.



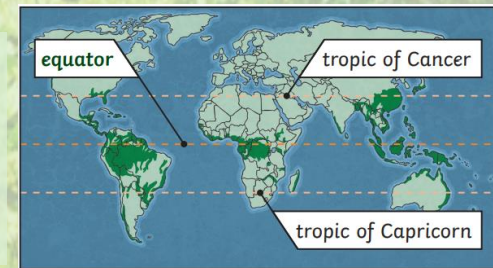
Climate

The **climate** in the rainforest is the same all year round.

- Average rainfall of 6cm each month
- Usually rains every day
- Hot and **humid**

Where are they found?

- near the equator between the tropics of Cancer and Capricorn
- in every continent except Antarctica



Art

draw	make and control lines with a pencil
sculpt	create 3D models of something
print	using an object to make shapes on a surface
collage	sticking various materials together