

Year Four Science knowledge organiser– How do environments change over time?



Greta Thunberg is famous for campaigning against climate change and speaking to politicians and world leaders about saving the environment. What can you find out about Greta Thunberg?

Key vocabulary

Rainforests are an incredibly important habitat. They cover about 2 per cent of the Earth's surface, but are estimated to be home to over 50 per cent of the Earth's plants and animals. Sadly, they are being destroyed by humans at an alarming rate. We must act now to save rainforests or they could be lost forever.



What can you find out about bees? Why are they so important and what is the impact of a decline in the bee population? Can you create an information booklet about bees?

environment	The surroundings or conditions in which a person, animal or plant lives.
Habitat	The natural home of an animal or plant
Food chain	The transfer of energy from one species to another
Predator	An animal that hunts and eats other animals
Prey	An animal that is hunted and killed by another animal
Extinct	When a species dies out altogether
Human impact	The effects that humans have on the environment/habitat around them.
Pollution	The introduction into the environment of a substance which has harmful effects.

Invertebrates are animals without backbones.

Animals with backbones are vertebrates. Vertebrates can be split into seven main groups:

*Mammals

*Birds

*Fish

*Reptiles

*Amphibians

What characteristics do each class of vertebrate have?

Food chains

What would the impact be if one part of the food chain was removed?

