

Year 4 Red Kites Science Spring 1

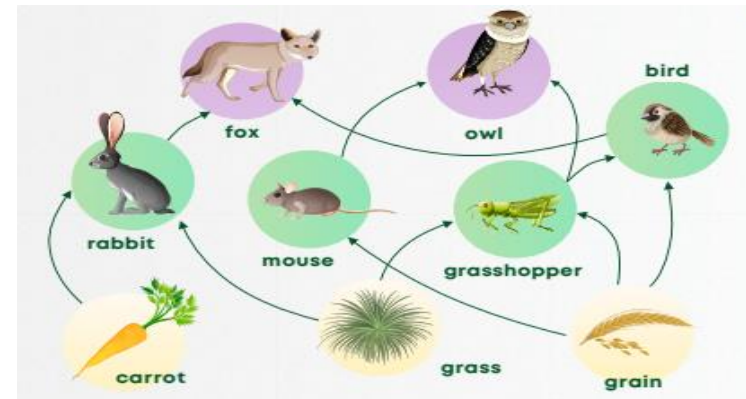
Ecology Habitats and Ecosystems

Air Pollution Air pollution is one way that humans can damage the environment. Exhaust fumes and smoke from factories can cause air pollution.



Key Vocabulary	Definition
consumer	A living thing, usually an animal, which feeds on plants or other animals.
decomposer	A living thing, usually a bacterium or fungus, which breaks down the cells of dead plants and animals into simpler substances.
food chain	The sequence of a transfer of energy from organism to organism.
ecosystem	A system formed by the interaction of organisms with their environment.
emissions	Something that's been released or emitted into the world, often refers to pollution from vehicles or factories.
environment	Physical surroundings.
habitat	The natural home or environment of an animal, plant or other organism.
microhabitat	A habitat for extremely small creatures, such as woodlice.
native	Things that indigenous; they were born there.
organism	An individual animal, plant, or single-celled life form.
pollution	The introduction of harmful substances or products into the environment. Pollution can damage ecosystems.
predator	An animal that hunts and eats another animal to eat them for food and, ultimately, energy.
prey	An animal that is hunted by another for food.
producer	A living thing, usually a plant, which produces its own food.
smog	The words smoke and fog joined together to make a term for intense air pollution.

Ecosystems All of these organisms share an ecosystem; the ecosystem will change if anything new comes into the web or leaves.

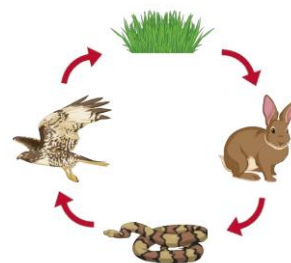


Life Processes There are seven things that all living things do, we call these life processes. All animals, including humans, do these and plants do too! We can remember them with the help of Mrs Gren!

Movement Respiration Sensitivity
Growth Reproduction Excretion Nutrition

Food Chains

The source of all energy in a food chain is the sun's radiation.



Groups within food chains

