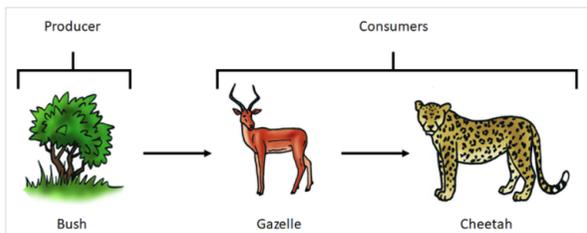


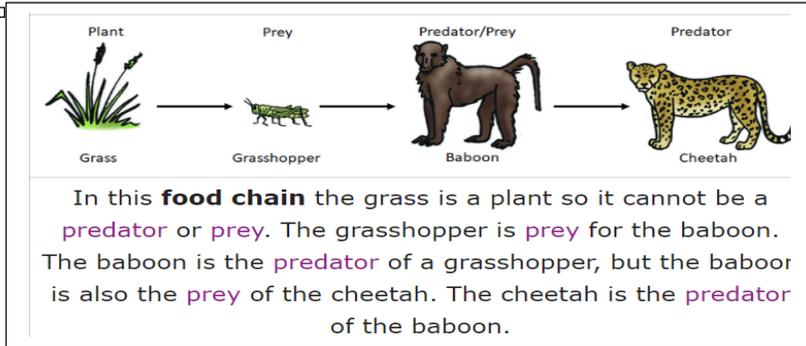


Living things - Plants and Animals - Science Knowledge

I know what a food chain is. I know how to construct and interpret a variety of food chains, identifying producers, predators and prey.



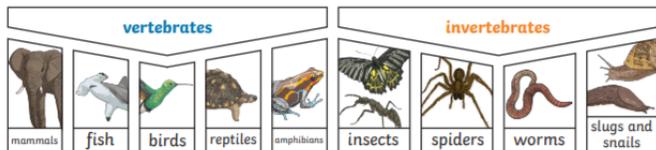
In this **food chain** the bush is the **producer** and the gazelle and cheetah are **consumers**.



Key vocabulary

amphibians	Animals that live in water as babies and on land as they grow. They have smooth skin and usually lay eggs in water.
birds	Birds have a beak, 2 legs, feathers and wings. They lay eggs.
fish	Fish live and breathe under water. They have scaly skin and fins. They breathe through gills.
mammals	Animals that breathe air and grow hair or fur. They give birth to live young. Babies feed on their mother's milk.
reptiles	Reptiles breathe air. They have scales on their skin. They lay eggs.
vertebrates	Animals that have a backbone (spine)
invertebrate	Animals that do not have a backbone (spine)
classification key	A series of questions that identify an organism's characteristics. When you answer one question it either branches off to another question or identifies the organism.
consumer	A living creature that eats (consumes) other living things.
endangered species	A plant or animal where there are not many of the species left and Scientists are concerned they may become extinct.
extinct	When a species has no more members still alive anywhere on the planet.

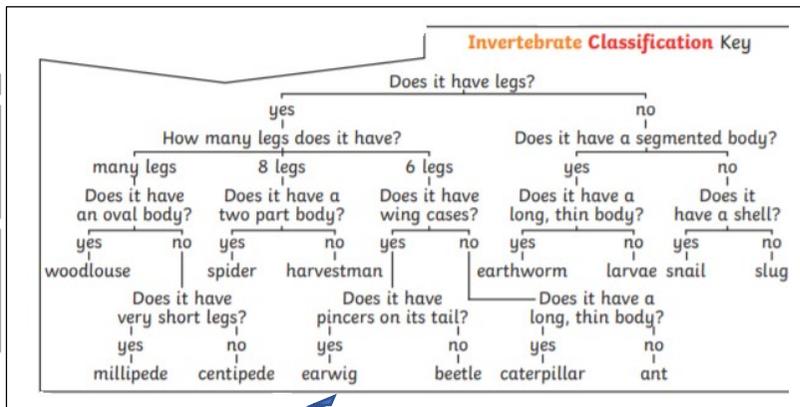
I know that living things can be grouped and classified in many different ways. I know what a classification key is and I know how to use classification keys to help group, classify and name a variety of living things in their local and wider environment.



Vertebrates can be separated into five broad groups.

You could sort **invertebrates** you might see around school in different ways, such as in this example. The vast majority of living things on the planet are **invertebrates**.

You can use **classification keys** to help group, identify and name a variety of living things. Here is an example of a **classification key**:



More key Vocabulary

food chain	A diagram that shows how each animal gets its food and how organisms rely on each other.
habitat	A specific area or place where particular animals or plants live.
Life processes	The things living things need to do to stay alive.
organism	Another word which can be used to mean 'living things.'
predator	Animals that hunt and eat other animals are called predators.
prey	The animals that predators eat are called prey.
producer	The first level of every food chain. Producers make their own food. They are usually plants or one-celled organisms.