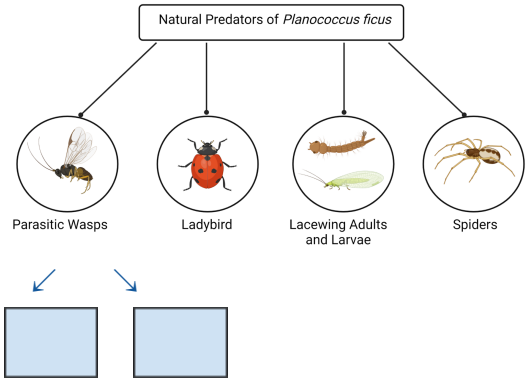
LKS2 Science Knowledge and Skills Organiser

Journey to One Ocean

Key Knowledge and Skills

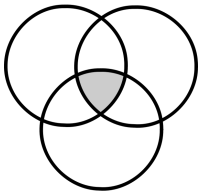
Classification Key:

Classification keys are ways of grouping and organising information so that they may be compared with other examples. We will do this with insects.

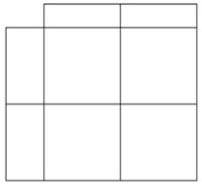


Different ways to organise and classify animals:

Venn Diagram



Carroll Diagram



Endangered Animals:

An endangered animal is an animal that is at risk of becoming extinct (which means having no living animals or no longer in existence.) in the wild. These include: Tiger, orangutan, giant panda, blue whale, asian elephant, gorilla, snow leopard and rhinoceros.

We can try to conserve our planet and animals in different ways. People who care about conservation try to preserve natural resources so they will still be around in the future.

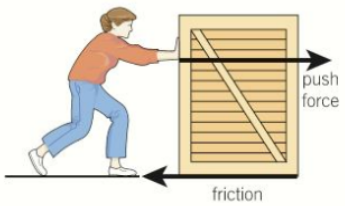
Ways to help protect our planet and the animals:

Forces:

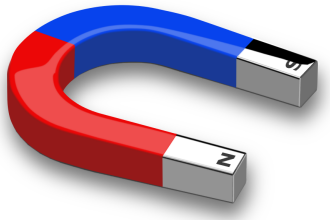
A force is either a 'push' or a 'pull'. Forces can make objects: speed up, slow down, change shape or change direction.

Friction:

Friction is the resistance of when one object against another.



motion rubs



Magnetism:

Magnetism is the force of attraction or repulsion between substances made of certain materials, such as iron, nickel, cobalt, and steel.

Key Vocabulary

Word	Definition
Extinct	No longer in existence.
Endangered	Animals that are at risk of being extinct, which means not as many of them left in the world.
Organism	An individual animal, plant or life form.
Insect	A small arthropod animal that has six legs and generally one or two pairs of wings.
Habitat	The natural home or environment of an animal, plant, or other organism.
Conservation	Conservation is the protection of things found in nature. It requires the sensible use of all Earth's natural resources: water, soil, minerals, wildlife, and forests.
Friction	It is the resistance of motion when one object rubs against another.
Magnetism	Magnetism is the force of attraction or repulsion.
Forces	A force is either a 'push' or a 'pull'.
Repel	When magnets push away from each other.
Attract	When magnets pull towards each other.