

# Year 2 Autumn 1: Science Knowledge Organiser - Living Things



Focus Scientist: Prem Singh Gill is a polar scientist who studies where Antarctic seals live, breed and feed, so we can know more about where they prefer to live.

<p><u>Question for Learning:</u> <u>What are the life processes?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"><li>There are six life processes: (movement, sensitivity, growth, reproduction, excretion and nutrition)</li></ul>	
<p><u>Question for Learning:</u> <u>Can you name objects that are living, were once alive or have never been alive?</u></p> <p>Key learning;</p> <p>Things that have never been alive do not need nutrition to grow and do not excrete waste</p>	
<p><u>Question for Learning:</u> <u>What is a habitat like?</u></p> <p>Key learning;</p> <p>Coastal habitats are sandy with rock pools, a woodland habitat is cool and shady with lots of trees, an ocean habitat has a large amount of salt water and the habitat in a rain forest is very warm with lots of rain</p>	
<p><u>Question for Learning:</u> <u>How does a habitat provide animals and plants with what they need to survive?</u></p> <p>Key learning;</p> <p>Badgers, deer, rabbits, birds, mice, spiders, beetles and woodlice live in a woodland habitat</p>	
<p><u>Question for Learning:</u> <u>How do animals and plants depend on each other?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"><li>Prey refers to an animal that is killed and eaten by other animals, e.g. a turtle</li><li>A predator is an animal that kills and eats other animals, e.g. a shark</li></ul>	
<p><u>Question for Learning:</u> <u>How do animals get their food from plants and other animals?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"><li>Plants mostly make their own food using the Sun</li></ul>	

Key Words	
Classify	Putting things into groups based on similarities and differences
Food chain	Usually start with plant which is eaten by an animal, which is then eaten by another animal
Carnivore	An animal that mostly eats other animals
Habitat	The home of an animal or plant
Camouflage	A way to disguise appearance and blend in with surroundings
Alive	Something that moves, grows, reproduces and uses senses.

## Food Chain

