










KNOWLEDGE ORGANISER

Subject: Science	Year Group: 2	Topic: Living Things and Their Habitats
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What I should already know	Sticky knowledge	Key skills
<ul style="list-style-type: none"> Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. Identify and describe the basic structure of a variety of common flowering plants, including trees. Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. Identify and name a variety of common animals that are carnivores, herbivores and omnivores. Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). Observe changes across the four seasons. 	<ul style="list-style-type: none"> Explore and compare the differences between things that are living, dead, and things that have never been alive. Identify that most living things live in habitats to which they are suited. Describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. Identify and name a variety of plants and animals in their habitats, including micro-habitats. Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. 	<ul style="list-style-type: none"> Can sort into living, dead and never lived. Explore the outside environment to find objects that are living, dead and have never lived. Classify objects found in the local environment. Investigate the conditions of micro-habitats. Can explain in simple terms why an animal or plant is suited to a habitat. Create simple food chains for a familiar local habitat from first-hand observation and research.

Vocabulary		Diagrams/Pictures				
Living	Something that is alive, like plants and animals.					
Dead	Something that is no longer alive but once was, like dead plants or parts of plants that are no longer attached.					
Never been alive	Something that has never been a living thing, like objects made of rock and plastic.					
Habitat	The place where an animal or plant lives and provides their basic needs – shelter, food, air and water.	Examples of micro-habitats				
Micro-habitat	A very small habitat where you would find minibeasts, e.g. a log that woodlice live under.	in leaf litter  Caterpillars need leaves to eat.	under stones  Woodlice can be found hiding under stones.	Food chains  The grass is eaten by the grasshopper. The grasshopper is eaten by the spider.		
Food chain	These show how animals get their food from plants and other animals.	under logs  Worms prefer dark, damp places.	in shrubs  Ladybirds live in shrubs and trees.		 The leaf is eaten by the snail. The snail is eaten by the bird.	
Ocean Habitat	A very large expanse of sea.					
Woodland Habitat	Land covered with trees.					
Polar Habitat	A habitat within the North or South Pole.					
Minibeasts	A small animal such as an insect or spider.					