Leesons Primary School – Knowledge Organiser

Science Focus		Living Things and Their Habitats	Year 4		
Wh	at? (Key	Knowledge)	Statutory Requirements		
Living things can be grouped in a variety of ways.	Invertebrates and vertebrates Subdivided into (mammals, Birds, reptiles, amphibians, fish, arachnids, insects,		 Recognise that living things can be grouped in a variety of ways Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment Recognise that environments can change and that this can sometimes pose dangers to living things 		
Use identification keys to identify	Follow the instructions to identify different plants and animals according to their features				
Create own identification key	Write enquiring questions relating to the features of plants and animals to sort their features and identify it.				
Food chains –can be effected by environmental issues	Plants are the primary producers in a food-chain. A snail is an example of a primary consumer -It eats the plant. A centipede is a fierce hunter, feeding on a variety of primary consumers. It is therefore known as a secondary consumer .		Spelling		Definition
			Habitat	The pla	ace where organisms live
			Invertebrates		out backbones -Two of the most own ones are arachnids (spiders) and insects.
Recognise that environments	Habitats exist as part of a larger environment. Look for evidence as to how the environment can affect (positively and negatively) the animals that live there. Habitats exist as part of a larger		Birds		nals that have feathers and that n out of hard-shelled eggs.
can change and identify how it affects living things in their			Vertebrates	known classe	backbones - The five most well es of vertebrates are mammals, ish, reptiles, amphibians.
local environment Recognise that			Mammals	If an animal drinks milk when it is a baby and has hair on its body, it belongs to the mammal class. e.g. dogs, cats, dolphins and whales.	
environments can change and identify how it affects living things throughout the world	environment. Explore how environmental issues I affected different living things arou	nt. w environmental issues have	Fish	Fish are verteb	prates that live in water and have les and fins on their body.
	world both	positive and negative– lastic pollution	Reptiles	skin. They ar	re a class of animal with scaly e cold blooded and are born on es, lizards, crocodiles, alligators.
	grams an	d Symbols	Amphibians		e born in the water. When they breathe with gills like a fish. But

Arthropods

environment

hand lenses

survival

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when they grow up, they develop lungs and

Any animals that have more than four, jointed legs are arthropods. Insects, spiders and

can live on land. e.g. frogs.

Possible experiences

Finding and classifying animals in the school

Looking closely at the features of animals using

Visit to wildlife park to explore where living things

are found and impacts of the environment on their

crustaceans.

