

<u> Knouledge Organiser - Year Four</u>

<u>Classification of Living Things</u>



Key Concept: Biology (study of living things. Bios is Greek for life).										
B2: Living things on Earth come in a huge variety of different forms that are all related because they all came from the same starting point 4.5 billion years ago.										
B3: The different kind	ls of life, animals, plants and microorganisms, have ev	olved over millions of generations into different forms in order t	ightarrow survive in the environments in which they live.							
Vital Vacabularu:	Definition:	Classification:	Scientific Enquiry: Can you remember the five typ	ues of enquiry and their meanings?						

<u>Vital Vocabulary:</u>	Definition:		<u>Classification:</u>			
characteristics.	A quality or appearance that makes an individual or a group different to others.	Vertebrat	es Invertebrates	- <u>Vital V</u> c	cabulary:	Definition:
classification	Grouping things based on their characteristics so that they can be identified.	Animals with backbones	Animals without backbones	Observing (over time).		Watch and see how something changes over time.
consumer	A consumer eats producers or other consumers in a food chain.	Reptile	hibions Priezes Anuida Matures	Pattern Seeking		Spotting any patterns in what you have seen.
hibernate	An animal or plant that spends the winter asleep.	^{Mammals} A classification key	s a series of yes/ro questions that entify or classify things.	Identifying, classi- fying, grouping		Features that allow things to be organised into groups.
invertebrate	An animal that does not have a backbone, for example snails and worms.		Has the animal got legs?	Comparative and	<u>()</u>	KSI: Compare one thing to another
migrate	The long-distance movement of animals, usually due to a change in the seasons.	Has it got more than 8 legs?	Has it got a shell?	fair testing		(Comparative testing). KS2: Measure the effect of changing one thin while everything else remains the same.
predator	An organism that eats another organism, for exam- ple lions and foxes.			Researching (using secondary sources)		Gather information to answer questions and help explain events.
prey	The organism that a predator eats, for example rabbits and fish.					
producer	An organism that makes its own food, such as a	How can environments change?				
•	plant.	Natural		his could be caused by flooding, fire, earthquakes etc.		
vertebrate	An animal that has a backbone, for example; fish, reptiles and mammals.	Human Impact	Negative impac Littering, deforestation, air pollution,		Setting up a natu	Positive Impact re reserve, tree planting, creating a garden pond.