UKS2 Science Knowledge Organiser: Living things and their habitats

By the end of this unit, I will be able to:	Key Vocabulary & Concepts			
 Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. Describe the life process of reproduction in some plants and animals. 	Asexual reproduction	The production of offspring involving only one parent.	Amphibian	A cold-blooded vertebrate that does not have scales.
 Describe how living things are classified into broad groups and give reasons based on certain characteristics. Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. Record results using scientific diagrams and labels Report and present findings from enquiries, including 	Fertilise	The process of introducing male and female reproductive materials.	Insect	Has a body with three segments that are protected by a hard shell.
	Gestation	The period of development inside the womb.	Vertebrate	Has a backbone.
conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations.	Life cycle	The series of changes in the life of organism.	Characteristics	A feature belonging to a person, place or thing.
Identify scientific evidence that has been used to support or refute ideas or arguments.	Metamorphosis	The process of transformation from immature form to a mature form.	Linnaean system	A way of organising living things.
hat I have already learnt in Science:	Pollination	The transfer of pollen to allow plant fertilisation.	Species	A group of organisms capable of exchanging genes.
flowering plants. Identify requirements for plant life and growth. Recognise living things can be grouped in a variety of ways and give reasons for classifying plants and animals.	Mammal	A warm-blooded vertebrate that has hair and produces milk for their young.	Taxonomist	A biologist that groups organisms into categories.

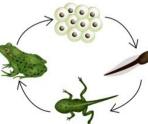
Famous Scientists



Anther Stigma -Pollen Style grains - Filament Ovules Petal Ovary Sepal Pedicel

Key Diagrams







David Attenborough