

Goonhavern Primary School- Science

TOPIC: Animals including Humans

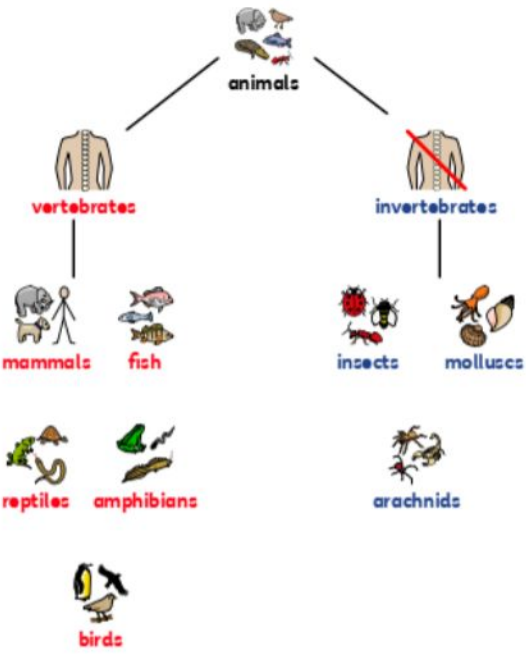
YEAR: 1

STRAND: Biology

What should I know already?	What will I know by the end of the unit?	
<ul style="list-style-type: none"> ● The names of some common animals. ● The parts of the human body and how they are associated with each sense. 	<p>What are Vertebrates?</p>	<p>Vertebrates are animals that have a backbone. There are five groups of vertebrates:</p> <ul style="list-style-type: none"> ● Mammals ● Fish ● Birds ● Reptiles ● Amphibians
	<p>What are Mammals?</p>	<p>Mammals:</p> <ul style="list-style-type: none"> ● Give birth to live young ● Usually have hair or fur ● Warm-blooded ● Cannot breathe underwater ● Some common mammals are: <ul style="list-style-type: none"> ○ pets such as dogs, cats, hamsters ○ farm animals such as cows, sheep and horses ○ wild animals such as foxes, hedgehogs, lions and giraffes ○ humans
	<p>What are Fish?</p>	<p>Fish:</p> <ul style="list-style-type: none"> ● Have fins and scales ● Breathe underwater using gills ● Lay eggs in water ● Cold-blooded ● Some common fish are salmon, cod and tuna
	<p>What are Birds?</p>	<p>Birds:</p> <ul style="list-style-type: none"> ● Warm blooded ● Have wings and beaks ● Have feathers ● Lay eggs ● Some common birds are ducks, chickens, penguins and seagulls
	<p>What are Reptiles?</p>	<p>Reptiles:</p> <ul style="list-style-type: none"> ● Cold blooded ● Lay eggs ● Have scales ● Cannot breathe underwater ● Some common reptiles are snakes and lizards
	<p>What are Amphibians?</p>	<p>Amphibians:</p> <ul style="list-style-type: none"> ● Cold blooded ● Lay eggs ● Live on land and water - can breathe underwater through gills ● Some common amphibians are frogs and toads

	What are Invertebrates?	<p>Invertebrates are animals that do not have a backbone. They include;</p> <ul style="list-style-type: none"> ○ Insects such as flies, ladybird and bees ○ Arachnids such as spiders ○ Molluscs such as snails
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Vocabulary	
Backbone	The column of small linked bones down the middle of your back.
Carnivores	An animal that eats meat.
Cold blooded	A body temperature that changes according to the surrounding temperature.
Environment	All the circumstances, people, things, and events around them that influence their life.
Farm	An area of land used to produce crops or to breed animals and livestock.
Gills	The organs on the sides of fish and other water creatures through which they breathe.
Herbivore	An animal that only eats plants.
Invertebrate	A creature that does not have a spine.
Omnivore	Person or animal eats all kinds of food, including both meat and plants.
Pet	A tame animal kept in a household.
Temperature	A measure of how hot or cold something is.
Vertebrate	A creature which has a backbone.
Warm blooded	A fairly high body temperature which does not change much and is not affected by the surrounding temperature.
Wild	Animals or plants that live or grow in natural surroundings and are not looked after by people.

Image/diagram that helps me to articulate my knowledge/understanding	Investigate!
	<ul style="list-style-type: none"> • Use observations in the local environment to compare animals or through videos and photographs. • Describe how to identify and group animals. • Group animals according to what they eat. • Research how to take care of animals taken from the local environment and how to return them safely.

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Q1	Start of Unit	End of Unit		Q3	Start of Unit	End of Unit

