

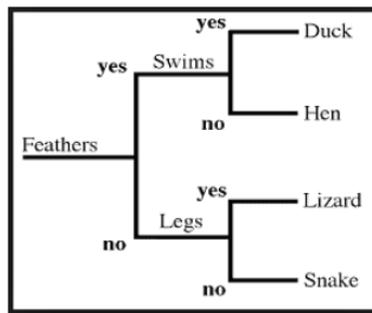
What do I already know?

Classification of Animals					
Animals can be grouped in lots of different ways based upon their characteristics.					
Vertebrates	Mammals		Invertebrates A creature that does not have a spine.		
	<ul style="list-style-type: none"> • Warm blooded • Give birth to live young 				
	Reptiles			Snails	
	<ul style="list-style-type: none"> • Cold blooded • Many lay eggs 			<ul style="list-style-type: none"> • Have a shell • Large muscular foot 	
	Amphibians			Slugs	<ul style="list-style-type: none"> • Don't have a shell • Large muscular foot
	<ul style="list-style-type: none"> • Cold blooded • Lay eggs 			Worms	<ul style="list-style-type: none"> • Long, narrow bodies • No limbs
Fish		Spiders	<ul style="list-style-type: none"> • Have 8 legs • Lay eggs 		
<ul style="list-style-type: none"> • Cold blooded • Breathe underwater 		Insects	<ul style="list-style-type: none"> • Have an exoskeleton • Antennae on their head 		
Birds					
<ul style="list-style-type: none"> • Warm blooded • Lay eggs 					

Classification of Plants			
Flowering Plants	Examples include:	Non-Flowering Plants	Examples include:
Flowering plants grow flowers. They use pollination to reproduce. Flowering plants make up about 90% of all plant species.	<ul style="list-style-type: none"> • sunflower • daffodil • orchid • rose 	Non-flowering plants do not grow flowers. They rely on seed dispersal in order to reproduce. Non-flowering plants make up about 10% of all plant species.	<ul style="list-style-type: none"> • fern • moss • algae • conifer

Classifying Plants and Animals

Animals can be sorted, or classified, in a number of different ways. A 'branched' diagram or a venn diagram, like those shown below, are just two examples.



Branched Diagram



Venn Diagram



Year 4

Summer 1

Data Collection & Habitats

Sustainability Links: Deforestation

Science Focus:

Biology

Key Questions

What living things do we have in our local area?

How can we analyse our data?

How can we make conclusions about our data?

What impact do humans have on the habitat?

How can we classify animals?

How can we classify plants?

What impact do humans have on plant and animal habitats?

What is deforestation?

Vocabulary

Word	Definition
Human impact	Changes to environments caused directly or indirectly
Positive	A change for the better.
Conservation	Preservation, protection, or restoration of the natural
Deforestation	Removing the trees from a large area of land.
Endangered	A species of animal that is at serious risk of extinction
Environment	The natural world, as a whole or in a particular area,
Negative	An unfavourable change
Habitat	The natural environment of an animal or plant
Recycling	Converting waste products into reusable material.
Species	A group of living things that can mate with one

