

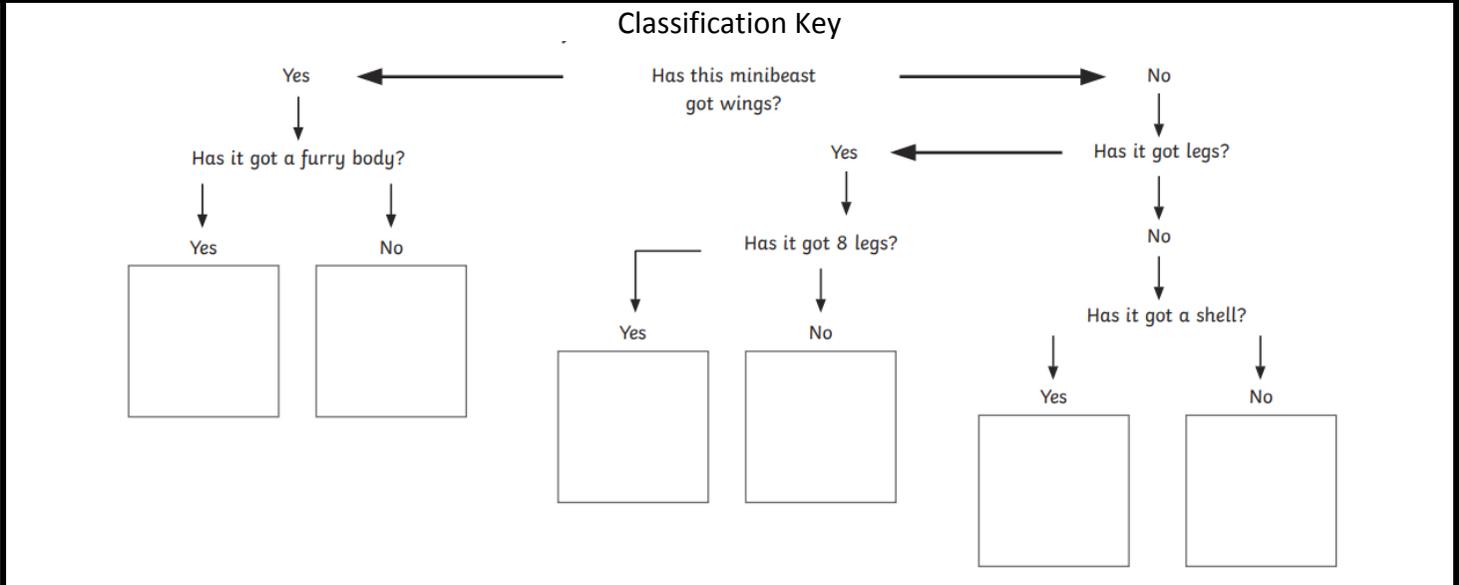
The Woodlands Community Primary School	Year 3/4	Science	Living Things																															
<p>Key Vocabulary</p> <p>Characteristics - The distinguishing features or qualities that are specific to a species.</p> <p>Classification - This is where plants or animals are placed into groups according to their similarities.</p> <p>Excretion - The process by which living things get rid of waste products.</p> <p>Habitat - The specific area or place in which particular animals or plants may live.</p> <p>Invertebrates - Animals without a backbone.</p> <p>Life processes - The things living things do to stay alive.</p> <p>Nutrition - The process of obtaining food to provide living things with energy to live and stay healthy.</p> <p>Organisms - This is another word that can be used to mean 'living things'.</p> <p>Reproduction - The process through which young are produced.</p> <p>Respiration - A process where plants and animals use oxygen gas from the air to help turn their food into energy.</p> <p>Sensitivity - The way living things react to changes in their environment.</p> <p>Vertebrates - Animals with a backbone.</p>	<p>Key Knowledge</p>  <p>Movement Respiration Sensitivity Growth Reproduction Excretion Nutrition</p>	<p>Key Knowledge</p> <p>Knowledge</p> <ul style="list-style-type: none"> I know the seven life processes. I know the names of different living things. I know about environmental change. <p>Skills</p> <ul style="list-style-type: none"> I can sort images. I can record observations. I can use a classification key. I can group living things in a variety of ways. I can create a branching database. 																																
<p>Key Knowledge</p>																																		
<p>Animals can be grouped in lots of different ways based upon their characteristics.</p> <table border="1" data-bbox="779 847 2085 1137"> <thead> <tr> <th colspan="5">vertebrates</th> <th colspan="4">invertebrates</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>mammals</td> <td>fish</td> <td>birds</td> <td>reptiles</td> <td>amphibians</td> <td>insects</td> <td>spiders</td> <td>worms</td> <td>slugs and snails</td> </tr> </tbody> </table> <p>Plants can be sorted into many different groups. For example:</p> <table border="1" data-bbox="1151 1254 1704 1437"> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td>Flowering Plants</td> <td>Non-Flowering Plants</td> </tr> </tbody> </table>				vertebrates					invertebrates													mammals	fish	birds	reptiles	amphibians	insects	spiders	worms	slugs and snails			Flowering Plants	Non-Flowering Plants
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Key Vocabulary	Key Knowledge	
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Endangered species - A plant or animal where there are not many of their species left and scientists are concerned that the species may become extinct.

Environment - An environment contains many habitats and these include areas where there are both living and non-living things.

Extinct - When a species has no more members alive on the planet, it is extinct.



Key Knowledge

Changes to an environment can be natural or caused by humans. Changes to an environment can have positive as well as negative effects. Here are some examples of things that can change an environment .	<i>Natural</i>	<ul style="list-style-type: none"> • earthquakes • storms • floods • droughts • wildfires • the seasons 	<i>Human-Made</i>	<ul style="list-style-type: none"> • deforestation • pollution • urbanisation • the introduction of new animal or plant species to an environment • creating new nature reserves 	Plants and animals rely on the environment to give them everything they need. Therefore, when habitats change, it can be very dangerous to the plants and animals that live there.
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