

Knowledge Organiser		
Science	Year 4	Living things and their habitats

Key Vocabulary	
 adapted	Changed to suit an environment
 camouflage	A way of blending or hiding in your surroundings
 coastal	At or near the coast, or beach
 grassland	Areas containing grass
 classify	To arrange things in classes or groups according to shared qualities or characteristics
 species	A grouping, or kinds of animals with similar characteristics
 subgroup	A group within a larger group
 classification key	A series of questions that help identify a species
 region	A large space or area
 blubber	A layer of fat beneath the skin of sea animals
 ecosystem	A community of living things
 oxygenated	Contains oxygen

Classification Keys																
<p>Vertebrates <small>Animals with Backbones</small></p> <p>A classification key is a series of questions that determine an organism's physical characteristics. When you answer one question, it either branches off to another question or identifies the organism. Ultimately, they help to identify an unknown organism, or work out how to categorise groups of similar organisms.</p>																
Type 1	Type 2															
<p>Does the animal live on land?</p> <ul style="list-style-type: none"> yes <ul style="list-style-type: none"> Does the animal have scales? <ul style="list-style-type: none"> yes: Chicken no: Donkey no <ul style="list-style-type: none"> Does the animal lay eggs? <ul style="list-style-type: none"> yes: Frog no: Dolphin no <ul style="list-style-type: none"> Does the animal lay eggs? <ul style="list-style-type: none"> yes: Frog no: Dolphin 	<p style="text-align: center;">Classification of Vertebrates</p> <table style="width: 100%; text-align: center;"> <tr> <td colspan="2">Warm-blooded</td> <td colspan="3">Cold-blooded</td> </tr> <tr> <td>Mammals</td> <td>Birds</td> <td>Fish</td> <td>Reptiles</td> <td>Amphibians</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Warm-blooded		Cold-blooded			Mammals	Birds	Fish	Reptiles	Amphibians					
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Venn Diagrams																
<p>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.</p>																