

# Year 6 – Living things and their habitats

## UKS2 Summer

Breadth	Concept	Milestone 3(Years 5&6)	Knowledge	Vocabulary
<p><b>Animals and humans</b> All living things</p> <ul style="list-style-type: none"> <li>Identify and name plants and animals</li> <li>Look at classification keys.</li> <li>Look at the life cycle of animals and plants.</li> <li>Look at classification of plants, animals and micro-organisms.</li> <li>Look at reproduction in plants and animals, and human growth and changes.</li> </ul>	<p><b>Work scientifically</b> This concept involves learning the methodologies of the discipline of science.</p> <p><b>Understand animals and humans</b> This concept involves becoming familiar with different types of animals, humans and the life processes they share.</p>	<ul style="list-style-type: none"> <li>Plan enquiries, including recognising and controlling variables where necessary.</li> <li>Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work.</li> <li>Take measurements, using a range of scientific equipment, with increasing accuracy and precision.</li> <li>Record data and results of increasing complexity using <b>scientific diagrams</b> and labels, <b>classification keys, tables</b>, bar and line graphs, and models.</li> <li>Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions.</li> <li><b>Present findings in written form, displays and other presentations.</b></li> <li>Use test results to make predictions to set up further comparative and fair tests.</li> <li><b>Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments.</b></li> </ul> <p><b>Animals and humans</b></p> <ul style="list-style-type: none"> <li><b>Describe the changes as humans develop to old age.</b></li> </ul>	<p>I know all living thing can be classified as plants or animals</p> <p>I know all living things: move, respire, sensitive, nutrition, excretion, reproduce, grow</p> <p>I know classification key is used to identify animals and plants</p> <p>I know a habitat is where a creature lives</p> <p>I know are a variety of different habitats</p> <p>I know creatures adapt to live in their habitats</p> <p>I know all plants and animals have a lifecycle</p> <p>I know the life process of reproduction in humans, plants and some other animals</p>	<p>Habitat</p> <p>Living/non-living</p> <p>Amphibians</p> <p>Arachnid</p> <p>Birds</p> <p>Classification keys</p> <p>Crustaceans</p> <p>Environment</p> <p>Fish</p> <p>Fungus/fungi</p> <p>Insect</p> <p>Invertebrate/vertebrates</p> <p>Mammals</p> <p>organism /Micro-organisms</p> <p>Molluscs</p> <p>Mushrooms</p> <p>Reptiles</p> <p>Lifecycle</p> <p>Group</p> <p>Identify</p> <p>Increase</p> <p>Keys</p> <p>Magnifying glass</p> <p>Microscope</p> <p>Patterns</p> <p>Question</p> <p>Reasoning</p> <p>Similarities/differences</p> <p>Sort</p> <p>Table</p>

		<ul style="list-style-type: none"><li>• Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</li><li>• Recognise the importance of diet, exercise, drugs and lifestyle on the way the human body functions.</li><li>• Describe the ways in which nutrients and water are transported within animals, including humans.</li></ul>		
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