

Year6				
<i>Topic</i>	<i>Prior Learning</i>	<i>Present learning</i>	<i>Misconceptions</i>	<i>Future learning</i>
<p>Living things and their habitats <b>National Curriculum</b></p> <ul style="list-style-type: none"> <li>Describe how living things are classified into broad groups according to common observable characteristics and based on</li> <li>similarities and differences, including micro-organisms, plants and animals.</li> <li>Give reasons for classifying plants and animals based on specific characteristics.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise that living things can be grouped in a variety of ways. (Y4 - Living things and their habitats)</li> <li>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment. (Y4 - Living things and their habitats)</li> <li>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. (Y5 - Living things and their habitats)</li> <li>Describe the life process of reproduction in some plants and animals. (Y5 - Living things and their habitats)</li> </ul>	<p><b>Knowledge and Understanding</b></p> <ul style="list-style-type: none"> <li>-Carl Linnaeus classification in more detail</li> <li>-how to classify plants, animals and microorganism using varied ways</li> <li>-why living things are placed in one group and not another</li> <li>-the advantages and disadvantages of microorganisms</li> </ul> <p><b>Investigations:—</b></p> <ul style="list-style-type: none"> <li>plan a fair test to investigate what factors affect the rate at which yeast feeds on sugar</li> <li>-explain process of pasteurisation and its advantages</li> <li>-identify importance of vaccines and consequences of not being vaccinated</li> </ul> <p><b>Vocabulary:</b> refined immunisation parasite Linnaean classification bacteria non-flowering plants microorganism</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> <li>all micro-organisms are harmful</li> <li>mushrooms are plants.</li> </ul>	<ul style="list-style-type: none"> <li>Differences between species. (KS3)</li> </ul>

