

**Subject:** Science

**Theme:** Living things and their habitats (Y5)

<b>Knowledge</b>	<b>Skills</b>	<b>Vocabulary (Top 20)</b>	<b>Common misconceptions</b>
<p>Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.</p> <p>Describe the life process of reproduction in some plants and animals.</p>	<p>Grow from cuttings and observe whether they grow roots/stem/ leaf/flower.</p> <p>Observe changes in animals over time e.g. hatching chicks or caterpillars to butterflies.</p> <p>Children generate and study questions such as:</p> <ul style="list-style-type: none"> <li>• Do larger mammals have longer gestation periods?</li> <li>• Do larger animals live longer?</li> <li>• Do smaller animals lay more eggs?</li> </ul> <p>Research the life cycles of a variety of plants and animals, making comparisons and presenting their findings in a variety of ways.</p>	<p>egg environment life cycle offspring young pollen reproduction asexual cuttings fertilise gestation metamorphosis ovule plantlets pollination sexual sperm stamen stigma</p>	<p>Some children may think:</p> <ul style="list-style-type: none"> <li>• All plants start out as seeds.</li> <li>• All plants have flowers.</li> <li>• Plants that grow from bulbs do not have seeds.</li> <li>• Only birds lay eggs.</li> </ul>



Love



Friendship



Compassion



Community



Trust



Forgiveness

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*Do all the good you can.... John Wesley*

style



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