



# St. Francis Xavier's RC Primary School

## Science Unit Guidance and Formative Assessment

<b>Year Group:</b>	5 Spring Term 2	<b>Subject:</b>	Science
<b>Unit:</b>	Living things and habitats	<b>Prerequisite Learning and Curriculum Links</b>	<p><b>EYFS ELG The Natural World</b> Explore the natural world around them, making observations and drawing pictures of animals and plants; know some similarities and differences between the natural world around them and contrasting environments; understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p><b>Year 1:</b> Plants -identify common wild and garden plants. Animals- name different omnivores and herbivores.</p> <p><b>Year 2:</b> Plants- Understand how germination occurs. Living things- naming animals and their habitats.</p> <p><b>Year 3:</b> Plants- Conditions for growth and types of flowering plants</p> <p><b>Year 4:</b> Living things: animal food chains, grouping animals</p> <p><b>Curriculum Links in Year 5</b></p> <p><b>Science:</b> Animals including humans</p>

<b>ROCKS (Remembering Our Curriculum Knowledge and Skills)</b>	
Identify the name and function of reproductive parts of a plant (such as male gametes contain pollen)	
Different animals and plants reproduce in different ways (including sexually and asexually)	
Plants and animals have varying life cycles from conception through to death	
Jane Goodall was an influential British scientist who made ground-breaking discoveries about chimpanzees	
<b>Progressive Journey:</b>	<b>Skills:</b>
Dissect a flowering plant (such as a lily) and identify the name and function of different parts Explore different ways plants can reproduce, such as through wind dispersal, pollination and taking cuttings Compare life cycles of different animals, including mammals and amphibians Research the life of Jane Goodall and her findings	Study and raise questions about the local environment Dissect plants and present findings through a formal presentation Observe and compare different life cycles Suggest reasons for similarities and differences Grow a new plant from cuttings Research a famous naturalist
<b>Key Vocabulary</b> Plants, stamen, anther, filament, stigma, style, ovule, ovary, pollination, wind, sexual, asexual, cuttings Life cycle, embryo, young, adolescent, adult, growth Naturalist, Gombe Stream National Park, findings	