



# St. Francis Xavier's RC Primary School

## Science Unit Guidance and Formative Assessment

<b>Year Group:</b>	3 Spring Term and Summer Term	<b>Subject:</b>	Science
<b>Unit:</b>	Plants	<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 Plants:</b> identify common wild and garden plants. Describe the basic structure of a plant</p> <p><b>Year 2 Plants:</b> Understand how germination occurs</p> <p><b>Curriculum Links in Year 3</b></p> <p><b>Maths:</b> Measuring height of plants and finding the difference</p>

<b>ROCKS (Remembering Our Curriculum Knowledge and Skills)</b>	
To identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers	
Explain the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow)	
Understand how water is transported within plants	
Recognise the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.	
<b>Progressive Journey:</b>	<b>Skills:</b>
Identify the name and function of different parts of plants Explore the requirements for life and growth in a range of plants how water is absorbed by the roots from the soil, is then transported via the stem to the leaves and then evaporates from the leaves Dissect and investigate different parts of a flowering plant Review the life cycle of a flowering plant	Comparing the effect of different factors on plant growth, for example, the amount of light Observing life cycles over time Conduct an investigation using the principles of a fair test Make a prediction and conclusion based on collected results Dissection and observation of plants
<b>Key Vocabulary</b> Roots, stem, trunk, leaves, flowers, nutrition, transport, seeds, anchor, carbon dioxide, absorb, growth, pollination, fertilisation, seed dispersal, style, stigma, anther, pollen, ovary, petal, stamen, sepal.	