



St. Francis Xavier's RC Primary School

Science Unit Guidance and Formative Assessment

Year Group:	1 Summer 1	Subject:	Science
Unit:	Plants	Prerequisite Learning and Curriculum Links	<p>EYFS ELG The Natural World 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>Curriculum Links in Year 1</p> <p>Science: Seasonal change- notice changes in plants and animals across the seasons</p> <p>Design Technology: making healthy dips- children will understand where ingredients come from</p>

ROCKS (Remembering Our Curriculum Knowledge and Skills)

To understand plants are living things that grow, eat, move and reproduce

Identify and name a variety of common wild and garden plants

Classify trees into two categories: evergreen and deciduous

Understand the structure and function of different parts of plants and trees, such as the roots take in water and nutrients from the soil

Progressive Journey:

Explore the life cycle of plants through songs such as 'I'm a little bean'
 Plant and nurture beans, observing over time as it grows
 Conduct experiment to learn optimum conditions for growth of a plant
 Create a labelled model of a plant, describing the functions of different parts
 Observe different plants and flowers in the local environment
 Hunt for wild flowers
 Sort trees into 'evergreen' or 'deciduous' based on photographs and knowledge
 Name the parts of a tree

Skills:

Make a prediction about which bean will grow the best
 Measure the height of a plant with some accuracy
 Record data as a class
 Observe and compare different plants in the local environment
 Answer questions based on our observations
 Classify plants and trees into different categories
 Explain similarities and differences
 Create models with labels

Key Vocabulary

alive, living things, grow, eat, move, reproduce, structure, function, purpose, roots, leaves, stem, flower, seeds, flower, petal, attracts, insects, sunlight, water, nutrients, energy, soil
 structure, function, root, stem, leaves, flower, petal, seeds, bulb, question, equipment, observations, magnifying glass, buddleia, clematis, dahlia, fuchsia, heather, hollyhock, honeysuckle, iris, lavender, lily, lupin, pansy, poppy, primula, rhododendron, rose, sunflower, sweetpea, wallflower, wisteria
 deciduous, evergreen