

Session Outline

KS2: Plants & Trees (April - October)

This outline is a general guide for what to expect during your session with us. Activities and session structure may vary depending on weather conditions and other circumstances.

National Curriculum links: KS2 programmes of study – Science: working scientifically, plants, living things and their habitats, evolution and inheritance		
Learning Objectives	Session outline	Evaluation of Learners progress
<ul style="list-style-type: none"> Identify and describe functions of different parts of flowering plants Explore requirements of plants for life and growth and how they vary from plant to plant Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment Identify how plants are adapted to suit their environment in different ways 	<p>Introduction The class will have a brief welcome and introduction to the day. We will discuss the different parts of plants and trees and their functions, what plants need to grow and their life cycle.</p> <p>Activities We will go on a leaf scavenger hunt, collecting as many different leaves as possible. The children will look at similarities and differences between them to sort into groups and use keys to identify them. The children will spend some time 'meeting a tree', looking closely at its features and identifying its basic structures. We'll learn about flowering plants and the role that pollinating insects play in their life cycles as well as adaptations for seed dispersal.</p>	<p>To include: Discussion with children before, during and after the visit. Photographs which you may take for post visit discussions, displays and activities</p>
Pre Visit activities	Post Visit activities	Relevant activity risk assessments
<p>Introduce the idea that plants have roots, a stem, leaves and flowers. Use large pictures (which can be put onto blocks) to make a class flowering plant. The children can then draw the plant and label the key parts of the plant. Older groups can add labels showing the function of each part of the plant. E.g. Roots are for anchorage and to take in water.</p> <p>Plant sunflower seeds (one per pupil) and watch them grow. (You can use the sunflowers in your Numeracy lessons e.g. measure the height and plot it on a graph.)</p>	<p>Place a cut flower or celery (with its leaves still on it) in water containing dye and observe the dyed water rising up the stem.</p> <p>Ask pupils to draw all of the plants they can see out of the classroom window. The children can then label any plants they know and research those they don't. They can use knowledge from their park visit to help them. The class can then compare those found in the school grounds and those found in the park. (Alternatively you can do this activity outside.)</p>	<ul style="list-style-type: none"> Guided walks for schools Collecting natural materials for craft activities Games