

Session Outline

KS1: 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: KS1 programmes of study – Science: working scientifically & plants		
Learning Objectives	Session outline	Evaluation of Learners progress
<ul style="list-style-type: none"> • Use simple features to compare objects, materials and living things and, with help, decide how to sort and group them • Identify and name a variety of wild plants, including trees • Identify and describe the basic structure of common flower plants, including trees 	<p>Introduction The class will have a brief welcome and introduction to the day. We will discuss the structure of plants and trees, what they 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.</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.</p> <p>Take a look at the BBC Bitesize website: www.bbc.co.uk/schools/ks2bitesize/science/activities/life_cycles.shtml where younger children can see the effects of watering plants and older children can learn about the parts of a flower.</p> <p>Grow a bean in a jar to see the roots and to observe the seed sprouting.</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