

Session Outline

KS1 & 2: The Life of Plants

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 & 2 programmes of study – working scientifically & plants		
Learning Objectives	Session outline	Evaluation of Learners progress
<ul style="list-style-type: none"> Working scientifically Identify and describe the functions of different flowering plants Identify and name a variety of common wild and garden plants Describe the life process of reproduction in some plants Explore the requirements of plants for life and growth <p><i>Learning objectives are different for KS1 and KS2 – if you require further details, please contact outdoorlearning@theparkstrust.com</i></p>	<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 look at the many ways in which plants survive and thrive with focusses on structure, seed dispersal, needs for survival and identification of common plant species. We will explore these topics with a range of activities such as natural art, scientific worksheets and games.</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>Get to grips with the anatomy of a plant – challenge your class to label the parts including root, stem and leaves. For older students you can also challenge them to think about the function of each part of a plant.</p> <p>Grow a bean in a jar or Ziploc bag to observe germination.</p> <p>Discuss the life cycle of a flowering plant including seed, plant and fruit. Students can draw a diagram of this cycle and point out at which point pollination takes place.</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 study the plants in their playground – are there any that they know already? Do they need to use ID guides to learn about some that they don't know the names of? You can extend this challenge by asking them to research a plant they have learned about and create a scientific poster about their plant.</p> <p>Take photos of your playground, local green space, or a specific tree through different seasons in the year and observe the changes.</p> <p>Youtube videos of real bees doing the waggle dance to see its complexity in the real world.</p>	<ul style="list-style-type: none"> Guided walks for schools Collecting natural materials for craft activities Games