

Trees and Plants KS1

Session Overview and Learning Objectives

Session Summary

- This session is suitable for one class of up to 30 children
- It lasts 50 minutes
- Recommended ratio – 4 adults:30 children

This session offers an opportunity to investigate the life cycles of plants and learn about the function of different parts of the plant through games and activities. Children can use keys to identify 4 different trees as well as create their own identification guide as they learn each of the trees, and depending on the time of year, think about the different ways flowers are pollinated and seeds are dispersed.

We can provide the relevant equipment for each activity.

This session follows a circular route through the woods, following posts marked with a coloured bands.

We strongly recommend dividing your group into two, with one half of the class following the trail in a clockwise direction and the other half anticlockwise.

Remember to ensure the right walk group leader has the medication for the children in their group.

Session Outline

These are our suggested activities for the 50-minute session travelling either clockwise or anticlockwise.

	Travelling clockwise	
Time	Location	Activity
5 mins	Centre	Introduction
5 mins	P1	Holly
5 mins	P2	Hazel
20 mins	P2	Build a Plant
5 mins	P3	Beech
5 mins	P4	Scots pine
5 mins	P6	Plenary

	Travelling anticlockwise	
Time	Location	Activity
5 mins	Centre	Introduction
5 mins	P4	Scots pine
5 mins	P3	Beech
5 mins	P2	Hazel
20 mins	P2	Build a Plant
5 mins	P1	Holly
5 mins	P6	Plenary

Learning Objectives

Learning Objectives	Expected Learning Outcomes
<p>Tree Identification</p> <ul style="list-style-type: none"> ● Explore woodland habitat ● Look closely at trees and compare and contrast types ● Gather natural materials and make an identification guide of their own 	<ul style="list-style-type: none"> ● All should be able to identify at least one deciduous tree and one evergreen tree ● All will be able to explain how evergreen and deciduous trees are different ● Some will be able to apply learning from their sticky strip of leaves to identify at least 4 different trees after studying them ● A few will use their knowledge gained to recognise trees using the less obvious clues, such as twigs and bark
<p>Build a Plant</p> <ul style="list-style-type: none"> ● Working together in small groups to create plants, using roots, stems, leaves and flowers ● Using the labels, correctly name the different parts of the plant ● Link the different parts of the plant with those seen around the woodland 	<ul style="list-style-type: none"> ● All will be able to identify and name the different parts of the plant: flower, stem, leaves and roots ● Some will be able to work out the function of different parts of the plant ● A few will make links between the facts learned in the game and their own observations of plants
<p>Plenary Game</p> <ul style="list-style-type: none"> ● Reflect on the activity and what they did ● Share learning with the class ● Solidify memories of each tree and the facts they learnt by recapping them 	<ul style="list-style-type: none"> ● All will know the terms evergreen and deciduous ● some will be able to recognise and name at least one tree species ● A few will be able to identify a range of native trees using a variety of clues

Curriculum Extracts

The following bullet points are extracted from the national curriculum.

KS1 Science

Animals, including humans

Pupils should be taught to:

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees

Living things and their habitats

Pupils should be taught to:

- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including microhabitats