

Trees KS2

Session Overview and Learning Objectives

Session Summary

- This session is suitable for one class at a time of up to 30 pupils
- It will last up to 60 minutes
- Required ratio – 1 adult:6 pupils

All equipment is provided

This session offers an opportunity to learn about trees and identify common species. Pupils will discuss the difference between deciduous and evergreen species and use close observation of leaves to create a leaf key.

Session Outline

Time	Location	Activity
10 minutes	Visitor Centre	Collect equipment and walk to the Wood
10 minutes	Wood	Matching leaves
10 minutes	Wood	Leaf detectives
20 minutes	Wood	Making a leaf key
10 minutes	Visitor Centre	Return to centre to wash hands

Learning Objectives

All will recognize that trees differ and can be recognized by their leaves

All will make careful observations of leaves and use descriptive language

Most will be able to make an identification key for leaves

Some will be able to name and identify common tree species

Some will use scientific language to describe leaves

A few will be able to distinguish between deciduous and evergreen species

Curriculum Extracts

The following bullet points are extracted from the national curriculum

KS2

Working scientifically

Pupils should be taught to use the following practical scientific methods, processes and skills:

- making systematic and careful observations
- gathering, recording, classifying
- identifying differences and similarities

Year 3 Plants

Pupils should be taught to:

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal

Year 4 Living things and their habitats

Pupils should be taught to:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things

Year 5 and 6 Living things and their habitats

Pupils should be taught to:

- describe the life process of reproduction in some plants and animals
- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics