

Plants KS1

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 but please bring clipboards.

This session offers an opportunity to investigate the life cycles of plants and the role of pollinators and learn about the function of different parts of the plant through games and activities. Pupils will look at the variety and diversity of flowering plants in the meadow habitat.

Session Outline

Time	Location	Activity
	Visitor Centre	Collect equipment
5 minutes	Walk to Kingfisher Corner	Look for flowers on the way.
10 minutes	Kingfisher Corner	Lifecycle of a plant- name different parts of a flower to build up picture.
10 Minutes	Kingfisher Corner	Play the seed game to consolidate what a seed needs to grow (separate resource sheet)
25 minutes	Kingfisher Corner and walking back to centre	Flower spotting: looking for different colours and shapes and recording in a tally chart. Walk back to the centre looking at the flowers along the way
5 minutes	Visitor Centre (decking area)	Why are flowers different? What are they trying to attract?
5 minutes	Visitor Centre	Return to centre to wash hands

Learning Objectives

All will be able to identify what seeds need to grow

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

Curriculum Extracts

The following bullet points are extracted from the national curriculum

KS1

Working scientifically

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

- Observing closely, using simple equipment
- Identifying and classifying

Plants

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