

Parts of a flower - half-day option

This half day activity goes well with **Plant life-cycles in Epping Forest**.

It is best suited for late spring or summer. If undertaken during the winter period, schools will need to bring their own open flowers e.g. daffodils.

In the classroom children will use microscopes to observe, identify and record the parts of a flower e.g. petals, stamen and carpel. Depending on the time of year they may also have the opportunity to look at a variety of flowering plants in the Suntrap grounds looking for patterns in their structure.

Learning objectives

- to understand that flowering plants reproduce
- to understand the part flowers play in plant reproduction
- to understand that insects pollinate some flowers and others are wind pollinated
- to observe and record, with accuracy, the parts of a flower and their role in reproduction



Some suggestions for visit preparation

1. Recap work on seeds and plant growth.
2. Show them a series of pictures of flowering plants (or plants if these are available) with ripe fruits and ask children a series of questions about fruits *e.g. Where did the fruits grow from? What will happen to the fruits? Why are they important to the plant?*

Follow on suggestions

1. Look at other flowers and compare differences in structure.
2. Look at flowers and observe different insects which pollinate different flowers.

National curriculum links

Y5 Science

Living things and their habitats

- describe the life process of reproduction in some plants and animals

Y3 Science

Plants

- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal



EVENT SPECIFIC RISK ASSESSMENT

Visit details: Parts of a flower

Carried out by: Suntrap Centre

Date: Dec 2017

Issue	How to manage it
Understanding/behaviour	Class teacher to advise Suntrap staff of any children who may need extra support out in the forest/ in grounds to help them to follow instructions. School to ensure that there is appropriate adult: children ratios as required.
Medical conditions	Suntrap staff to check that school staff brings medication out into the forest/ in the grounds. All adults to be made aware of any medical conditions. Suntrap staff will carry a first aid kit.
Getting lost	Keep within sight of teacher/adult & observe boundaries as directed by the staff.
Choking/Poisoning	No eating outside unless directly instructed by Suntrap staff.
Falling branches	During extreme weather conditions Suntrap staff will make an assessment to ensure it is safe to enter the forest.
Injury from horses/dogs or bikes	Group to be instructed to stand to the side, be quiet and still when horses, dogs or bikes are near.
Accident when crossing the road	Group to be instructed on follow safe procedures for crossing roads (Suntrap Line). No one to walk across the cattle grid.
Injury through falling & throwing	Climbing of trees and throwing sticks/stones prohibited.
Soil borne disease	Children instructed not to put fingers in mouth during/after activities which include handling plants, soil and sticks. Hands should be washed with warm soapy water before eating lunch/snack.