

<b>Years: KS2 Year 5 or 6</b>	<b>Total Duration: 2 hours</b>
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### Curriculum Links

**Plants:** 'identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers'

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

**Living things and their habitats:** 'describe the life process of reproduction in some plants and animals'

Learning Objectives	Learning Outcomes
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Children should learn...

- that flowering plants reproduce and have many different stages in their lifecycle
- pollination is the process of the transfer of pollen from one flower to another
- the main types of pollination are wind and insect

All children will be able to name the process of transferring pollen is called pollination. Most children will be able to explain and name the two methods and give one example of each of the types. Some children will be able to explain the different methods of pollination and give one drawback and one benefit of each method.

### Programme Summary

Summer is the ideal term to see the pollination in action. After a short talk in the centre, the class will be carry out two activities. The first activity led by a member of the ecology team is an interactive walk examining different flowers and methods of pollination. Next the class will be asked to work in smaller groups and will go on a self guided tree trail around the wildlife area to do tree identification and note down the method of pollination for each species found.

### Pre-visit Preparation

**If you have not visited the centre before a pre-visit is essential.**

It helps to brief the children before a visit. Talk through the activities that they will be doing and discuss key vocabulary. Revision of plant structure, which types of trees and plants do they know?

Pre-visit ideas	Post-visit ideas
Tree identification and survey work in the school's local environs Collect leaves and seeds of trees	Research project on a plant's lifecycle and stages. Lifecycle wheels. Maths work on the differing lengths of different plant life cycles. Pattern work based on bark and leaf rubbings

Please refer to our Health & Safety information for risk assessments and an outline of the school and Ecology Centre responsibilities.