

Plant Life – Seed Dispersal

Identification and methods of seed dispersal

Years: Upper KS2	Total Duration: 2 hours
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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
Children should learn... <ul style="list-style-type: none"> that flowering plants reproduce and have many different stages in their lifecycle seed dispersal is the process of the transfer of seed to another place away from the parent plant the main types of seed dispersal are wind, animal internal, animal external and mechanical 	<ul style="list-style-type: none"> All children will be able to name the process of spreading seed is called seed dispersal Most children will be able to explain the name the two methods and give one example of each of the types Some children will be able to explain the different methods of seed dispersal and give one drawback and one benefit of each method

Programme Summary

Autumn is the ideal term to see the seed dispersal in action. After a short talk in the centre, the class will explore the par's plants. The first activity will be led by a member of the ecology team is an interactive walk examining different plants and methods of seed dispersal. The class will then be asked to form 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 seed dispersal 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, discuss key vocabulary and revise plant structure. What 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.