



Information Sheet Seed Investigations



This activity is run in autumn, when there is a plentiful supply of seeds.

Aim: To introduce children to a range of seeds and link them with the trees and plants they will grow into. To help children understand what a growing plant/seed requires.

Curriculum links

- Plant vocabulary and identification
- Understanding that plants are living things
- Knowledge that plants produce seeds and grow from them, discussion of the idea of reproduction
- Making observations of plants and animals
- Comparison
- Looking at habitats
- Helping plants grow – discussion and games on what plants and seed need.
- Looking at animal – plant inter-relationships

What you need to bring

Sensible shoes for outdoors
A packed lunch

What the trust supplies

Worksheets if desired
Collecting bags
Sorting exercises
A leader who is trained in first aid

At the end of the Session children will have..

- Seen and collected different types of seed and discussed different seed dispersal methods.
- Linked seeds to their trees/plants
- Understand what a plant/seed needs to grow.
- Understand a plant lifecycle

What happens in the session

We will discuss the different parts of a plant, and plant lifecycles. We will look at pollination and fertilization and how these are necessary to produce seeds.

We will visit some local woodland and collect a variety of seeds, then sort them according to type. Following this we will discuss dispersal methods.

The children will play a variety of games that encourage them to investigate different aspects of plants and the plant lifecycle.

Suggestions for follow-up activities

Some of the seeds that have been collected could be taken back to school and planted.

If you have collected Acorns carry out the float test. This involves putting the acorns in water, if they float they are rotten, if they sink they are good to plant.

You could then monitor the growth of the different seeds through the rest of the year.

Natural pictures could also be made using the seeds collected.