

Tree Detectives (2)

Keystage: 1, 2

National Curriculum Links:

Science 1 Scientific Enquiry

Science 2 Life Processes

Science 3 materials and their properties. (grouping materials c) KS1

Links to other subjects

Maths

Art & Design

English

Learning Objectives:

To understand the function of parts of a tree.

To make & use keys for tree identification.

Resources:

- Clipboards
- Tree / leaf keys
- ID books e.g. Collins Guide to Tree ID

Activity

Starter /Introduction

- Introduce session with safety talk.
- Discuss what makes a tree a tree? How is it different from a plant? This could be recorded as a mind map before visiting the site. On their return children can add or change mind maps.

Main Activity

Divide out equipment. Children to investigate trees found at in the woodlands you are visiting. Record observations and make drawings to use to aid research back in the classroom. Bark rubbing and leaf collection will also act as reminders. How many different trees can you find and name?

Plenary

Review findings. How many different trees did you find?

KS2 Explore the reasons "Why trees matter?" (E.g. provide homes for creatures / trees use up carbon dioxide in order to grow and give off oxygen.)

Suggestions for Follow up Activities

- Label parts of a tree. KS2 why is each part needed?
- Use reference books to look at the differences between coniferous and deciduous trees. (KS2)
- Detailed drawings of leaves and trees.
- Complete life cycle of a tree.
- Use of trees. Use reference books to look at trees as fuel, food, products from trees.
- ICT database showing types of trees found in woodlands.