

Trees, Twigs and Trails (half day)

Key Stage 1

Summary of Day

Follow a trail and discover the trees of Gatton – can you identify where your magical creatures lives by looking at the leaves, bark, twigs and fruit. Use mirrors to observe the parts of a tree and measure trees in fun ways.

Learning objectives

- To identify and name a variety of trees.
- To identify and name the main parts of a tree.
- To understand some of the processes at work within a tree.

Key Vocabulary

tree	holly	Some children may learn: heartwood phloem xylem
trunk	ash	
branch	sycamore	
leaf	hazel	
roots	oak	
seed	field maple	
fruit	horse chestnut	
	beech	
	yew	

Prior Learning

No prior learning is essential for children to take part in this day.

To maximise children’s learning during their visit, it would be beneficial for them to :

- Know the five things that plants (trees) need to grow
- The names of some trees

Example outline of the day

Approx 10 am	Arrive / Introduction to Gatton / Safety talk Explanation of activities. Discuss requirements for tree (plant) growth and the observation and identification clues for identifying trees.
10.15 – 10.45	Tree Trail –each child in each group will have a set of clues for a specific tree. The group will use these to identify the trees as we walk along the trail.
10.45 – 11. 05	'What goes on inside a tree' game – looking at the roles of the internal parts of the tree.
11.05 – 11.20	Tree mirror walk – observing and identifying the parts of a tree.
11.20 – 12.00	'Getting to know a tree' – each group chooses a tree to focus on: <ul style="list-style-type: none">• find out about that tree eg. height, girth (circumference), age• explore the tree using senses – colour, texture, smell, sound• what is living on and under the tree.
12.00-- 12.30	Lunch

Assessment Opportunities

Gatton Staff will assess progress throughout the day by open ended questioning and plenary session.

- Can the children name the 5 things for a tree to grow?
- Can the children identify and name some common trees?
- Can the children explain about what goes on inside a tree?
- Do the children know the main parts of a tree?

Information for the group leader

- Outdoor clothing & sturdy footwear / wellies are advised
- Please note this day will go ahead in most weather conditions. However alternative bad weather activities are available at the Centre if necessary.
- Centre Risk Assessments are available for those who come on a pre visit, these may be used to write your own risk assessments in accordance with your schools requirements.

Post Visit learning opportunities

Make information sheets/display about the trees seen on their tree walk at Gatton.

Find out about the many uses of trees.

Investigate leaf litter and rotting wood.

Create food webs – using relationships between trees and animals.

Differentiation	Access	Adult Participation
<ul style="list-style-type: none"> • Adults to encourage participation and give support as appropriate • Specific adjustments can be made to suit individual needs in conjunction with the class teacher 	<ul style="list-style-type: none"> • Large worksheets can be provided with prior notice. • Different learning styles considered throughout the day. • Please inform us in advance if any of your students have limited mobility. 	<ul style="list-style-type: none"> • Adults to encourage participation and give support as appropriate during practical tasks. • Adults to accompany each group during the activities.

Resources

All resources for the day are provided by Gatton Park, including: