

Summary of Day

Through investigation, games and activities in the park discover the wonderful adaptations of seeds, how they are dispersed and how they grow. Extend to a full day and learn about flowering plants too!

Learning objectives

- To observe a variety of seeds (using microscopes)
- To understand the importance and variety of seed dispersal
- To understand why plants produce seeds
- To become aware of the parts of the flower used in pollination.

Key Vocabulary

wind	stamen
animals	anther
explosion	filament
pollination	pistil
bumpy	stigma
smooth	style
indented	ovary
	ovule
	petal
	sepal

Prior Learning

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

Example outline of the day	
Approx 10 am	Arrive / Introduction to Gatton Park / Safety talk
10.15 - 11.45	<ul style="list-style-type: none"> • Looking at sensational seeds under microscopes in the classroom • Seed Olympics – games to show methods of seed dispersal • Seed Tig - a game about what seeds need to grow • Seed fate – why don't all seeds grow into flowers?
12.00 - 12.30	Lunch
12.30 - 2.00	<ul style="list-style-type: none"> • Looking for different shaped flowers in the gardens • Parts of a flower relay race • Observing and drawing flowers in the Japanese garden • What goes on inside a tree – an activity that shows what happens inside the tree trunk.
2.15 - 2.30	Preparation for Departure
Assessment Opportunities	
<p>Gatton Staff will assess progress throughout the day by open ended questioning and plenary session.</p> <ul style="list-style-type: none"> • Do the children know how seeds are dispersed? • Do the children know what seeds need to grow? 	
Information for the group leader	
<ul style="list-style-type: none"> • Outdoor clothing & sturdy footwear / wellies are advised • Please note that due to the nature of the study site, adjustments may need to be made to this programme for those visitors who use a wheelchair or have limited mobility. Please contact the Centre to discuss alternatives. • Please note this day will go ahead in most weather conditions. However alternative bad weather activities are available at the Centre if necessary. • All of the activities in this programme take place in groups. Please allocate your class into groups before the visit and assign an adult to each group. Ensure that the children are aware who they will be working with. • 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 school's requirements. 	
Post Visit learning opportunities	
<ul style="list-style-type: none"> • For ideas for post visit activities visit the follow up activities section of the Gatton Trust Website. 	

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 supervise children in their group during all activities. • Please ask adults to keep their mobile phones switched to silent during the teaching part of the day and only make and receive calls at lunch time.
Resources		
<p>All resources for the day are provided by Gatton Park.</p>		