

## Sensational Seeds and Fantastic Flowers

(half or full day)

Key Stage 2

### 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

<b>Approx 10 am</b>	Arrive / Introduction to Gatton Park / Safety talk
<b>10.15 - 11.45</b>	<ul style="list-style-type: none"><li>• Looking at sensational seeds under microscopes in the classroom</li><li>• Seed Olympics – games to show methods of seed dispersal</li><li>• Seed Tig - a game about what seeds need to grow</li><li>• Seed fate – why don't all seeds grow into flowers?</li></ul>
<b>12.00 - 12.30</b>	<b>Lunch</b>
<b>12.30 - 2.00</b>	<ul style="list-style-type: none"><li>• Looking for different shaped flowers in the gardens</li><li>• Parts of a flower relay race</li><li>• Observing and drawing flowers in the Japanese garden</li><li>• What goes on inside a tree – an activity that shows what happens inside the tree trunk.</li></ul>
<b>2.15 - 2.30</b>	Preparation for Departure

## Assessment Opportunities

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

- Do the children know how seeds are dispersed?
- Do the children know what seeds need to grow?

## Information for the group leader

- 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

- 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"> <li>• Adults to encourage participation and give support as appropriate</li> <li>• Specific adjustments can be made to suit individual needs in conjunction with the class teacher</li> </ul>	<ul style="list-style-type: none"> <li>• Large worksheets can be provided with prior notice.</li> <li>• Different learning styles considered throughout the day.</li> <li>• Please inform us in advance if any of your students have limited mobility.</li> </ul>	<ul style="list-style-type: none"> <li>• Adults to encourage participation and give support as appropriate during practical tasks.</li> <li>• Adults to supervise children in their group during all activities.</li> <li>• 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.</li> </ul>
Resources		
<p>All resources for the day are provided by Gatton Park.</p>		