

Growing

Half day

Key Stage 1

Summary of Day

Identify flowers in the beautiful gardens of Gatton Park, find out how they grow and what they require for life. Take part in fun games including seed hide and seek and seed tig. Using a pipe cleaner bee investigate how bees and other insects pollinate plants.

Learning objectives

- To understand that plants need soil, water, light, warmth and air to grow.
- To identify the main parts of a flowering plant and understand the roles that these plants have.
- To recognise that flowers can be pollinated by insects
- To become familiar with some common names of flowers

Key Vocabulary

roots
stem
leaf
flower
seed
pollination

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 need to grow.

Example outline of the day

Approx 10 am	Arrive / Introduction to Gatton Park / Safety talk
10.15 – 11.45	Play 'Squirrel Seed Hide' and 'Seed Tig' games. Complete the 'Find the Plant parts of a Plant' trail and help bees find pollen. Identify some flowering plants in the gardens.
11.30 – 12.00	Read 'Mouse Finds a Seed'.
12.00-- 12.30	Lunch

Assessment Opportunities

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

- Do the children know the five things that plants need to grow?
- Do the children know the main parts of a plant?
- Are the children able to explain how insects pollinate flowers?
- Can the children identify and name some flowers?

Information for the group leader

- Outdoor clothing and 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 Assessment forms 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

- Undertake a variety of experiments to show what a plant needs to help it to grow healthily e.g.
 - try to germinate plants in both light & dark
 - experiment growing plants with and without water
 - place white carnations into water with food colouring to show how water travels through the stem
- For more ideas visit the follow up activities section of the Gatton Trust Website.

Differentiation

- Adults will encourage participation and give support as appropriate.
- Specific adjustments can be made to suit individual needs in conjunction with the class teacher.

Access

- 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.

Adult Participation

- Adults will give support as appropriate during practical tasks.
- Adults will accompany each group during the 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

All resources for the day are provided by Gatton Park Education Centre.