

Plants Glorious Plants, Longshaw Estate Teachers Notes

Thank you for booking a visit at the Moorland Discovery Centre. The Moorland Discovery Centre is run in partnership between the National Trust and the Peak District National Park and visits may be delivery by staff from either organisation. Please check all details both on the programme and on your booking confirmation.

Programme overview

A day of exploration and discovery in the natural world. Pupils will become botanists going on a multi-sensory plant exploration through our woodland, wildflowers and kitchen garden. Students will be introduced to a rich verity of wild and food plants, looking at flowers, leaves, fruit and much more.

A special quality of the Peak District is the rich, rare and internationally important wildlife and habitats, making this the perfect place to learn about plants.

Learning Outcomes

All students will;

- Use their senses to explore the natural world to help them understand which part of the body is associated with each sense
- Compare and contrast familiar plants (e.g. shape of leaves)
- Identify and name a variety of trees
- Identify and name some common wild and garden plants
- Start to identify and describe the basic structure of a variety of common plants, including trees
- Use simple keys/ photographs of fruits, vegetables and herbs to identify growing plants
- Understand that plants have the same features but they may look different in different plants.
- Enjoy spending time in a woodland and garden settings in the Peak District National Park

Most students will;

- To know what a kitchen garden is and how it is used.
- Record what they have discovered and begin to use scientific language (root, stem, leaf, flower)
- Identify and describe the basic structure of a variety of common plants, including trees
- Begin to sort and group fruits and vegetables
- talk about what they have found out and how they found it out

Some students may;

- Discuss how the seeds we see might disperse.

To get the most from your visit, please come prepared. Here is some useful information to help you and your class optimize your learning:

We hold the **Learning Outside the Classroom** quality badge, certificate number R2QB103464



Pre visit preparation. Read and follow guidance below.

Prior Learning activities - It is helpful if the children have done some prior learning naming parts of a plant or tree. **For this visit** it is useful if children are in small groups with an adult before arriving.

Weather – Wellies or old trainers are advised. We advise that adults should also wear wellies or old trainers so they can help pupils.

We believe experiencing the outdoor elements is an integral part of your pupil's experience. We continue activities in all but the very worst weather so please make sure everyone comes prepared to be outside in rain or shine! Check the forecast before your day.

Clothing - Please ensure that children are wearing appropriate outdoor clothing. Waterproof jacket, wellies or stout shoes

Curriculum links

Working scientifically

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions

Year 1 programme of study:

Plants

Pupils should be taught to:

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees

Location and Coach instructions

- Moorland Discovery Centre

Please see your letter of confirmation for meeting place and travel directions

10-12:00 Morning activities

- Introduction to leaders, site, Peak District National Park (toilets and snack as needed).
- Set learning outcomes for the day, and staying safe messages.
- Key message of the day: Plants are really important living things that come in all shapes and sizes.
- Activities: Exploring and identifying common trees through hands on fun activities
- Grouping and sorting woodland leaves.
- Naming parts of the tree.

12:00 – 12:45 Lunch

- Inside the Moorland Discovery Centre, with tables, toilets and hand-washing facilities, or picnic by prior arrangement.
- Outdoor play as arranged.

12:45 -2.15 afternoon activities

- Recap of the mornings learning

are advised for all visits. We have some spares to help.

Safety - All our activities and sites are risk assessed. Risk benefit assessments and health and safety information can be downloaded at:

<http://www.peakdistrict.gov.uk/learning-about>

Our staff to student ratios vary depending on age, and ability of the group and activities booked. All our leaders are first aid qualified.

Behaviour. Teachers are responsible for good behaviour, discipline & lunch time supervision.

Medical Information. Please let us know about any allergies, medical conditions or special needs.

We strive to make our visits accessible to all. Many of our sites are accessible to people with limited mobility, but do discuss your particular needs with us before booking.

Review & Evaluation. We aspire to continually improve our service and welcome your feedback. You will be asked to complete a feedback form after your visit.

Payment. Please note you will be invoiced after your visit for the number of children on the day. Your invoice will come from the **National Trust**.

Cancellation. Please let us know as soon as possible if you have to cancel or if your numbers change significantly.

Insurance. Our education service is covered by £10 million Public Liability Insurance Policy. Please ensure that your school or LEA has appropriate insurance cover.

- Visit Longshaws kitchen garden to explore and identify common food plants.
- Activities: Identifying common food plants and trees, comparing plant structures e.g different flowers, different leaves.
- Grouping different fruits and vegetables.
- Optional - opportunity to plant a seed to take back to school

2:15-2:30 Plenary and depart

Free Resources

You can also find a fun animated film for children on how to enjoy your visit responsibly and look after the countryside here:

<http://www.peakdistrict.gov.uk/learning-about/peak-curriculum/national-parks-the-bigger-picture/do-this-video>

Contact Details.

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www.peakdistrict.gov.uk/learning-about