

PEAK DISTRICT NATIONAL PARK

LEARNING & DISCOVERY TEAM

TEACHERS NOTES – PLANTS GLORIOUS PLANTS



Age range: Y1 – Y2	Duration: 10.00 – 14.30	Available: April - October
Locations available: Macclesfield Forest, Moorland Discovery Centre (MDC).		

Our Plants Glorious Plants day gives pupils 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 at the MDC).

Activities provided as part of the day include:

- Finding out about a rich variety of wild and food plants in the Peak District and understanding the importance of wildlife and habitats
- Looking at and sorting parts of plants (e.g. flowers, leaves, fruits and vegetables)
- Learning about and labelling the structure of different plants
- Taking measurements to calculate the age and height of different trees
- Identifying different native trees using simple keys, by examining leaf shapes

Depending on location, you may:

- Visit a kitchen garden and learn about what's growing there and why
- Learn about pollination
- Take part in some indoor nature-based craft activities; e.g. making bird feeders and seed pots

Important Notes for this Programme:

Clothing: We believe experiencing the outdoor elements is an integral part of the day and continue activities in all but the very worst weather. So please come prepared to be outside in rain or shine! Therefore, please ensure that children are wearing appropriate outdoor clothing. Waterproof jacket, wellies or stout shoes are advised for all visits. See [What-to-Wear.pdf \(peakdistrict.gov.uk\)](https://www.peakdistrict.gov.uk/what-to-wear)

Capturing and recording your pupils' experiences: We do not use any worksheets in our programmes for younger pupils. Therefore, we encourage you to bring a camera or phone/tablet to capture and record your children's experiences and to help you document their learning journey.

We strive to make our visits accessible to all. Days can be tailored to your group's needs. While many of our sites are accessible to people with limited mobility, we advise you to discuss your particular needs with us before booking.

Main Curriculum Links:

Science	Working Scientifically, Plants; Plants; identify and name a variety of common wild and garden plants, identify and describe the basic structure of a variety of common flowering plants, including trees
Maths	Measurement, sorting and categorising
Physical Education	Outdoor activity

Key Learning Objectives	Learning Outcomes
<p>Working scientifically</p> <ul style="list-style-type: none"> Observing closely, using simple equipment Identifying and classifying Using observations; gathering and recording data, to help answer questions. <p>Science Plants</p> <ul style="list-style-type: none"> 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 <p>Other skills</p> <ul style="list-style-type: none"> Listening to and following instructions Looking carefully/observational skills Problem solving Working independently 	<p>All children will be able to:</p> <ul style="list-style-type: none"> Use their senses to explore the natural world. 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
	<p>Most children will be able to:</p> <ul style="list-style-type: none"> 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
	<p>Some children will be able to:</p> <ul style="list-style-type: none"> Talk about what they have found out and how they found it out Understand that plants have the same features but they may look different in different plants

Assessment for Learning

Children will talk and recap the learning of the day with each other and adults

Children will have opportunity share observations and ask questions

Ideas for Extending Learning Before/After the Visit

- Watch these fun short countryside code videos on how to behave in the countryside, [Do This](#) and [Creature Comforts](#)
- Here is a link to some great FREE tree ID sheets for young children from the [Woodland Trust](#)
- Use your tree ID sheets in the school grounds or local area to see what trees you can identify.
- Plant some wildflower seeds in your school grounds (widow boxes, old plant pots etc.)

Partnerships: The Moorland Discovery Centre on the Longshaw Estate is run in partnership with the National Trust. As such visits may be delivered by staff from the Peak District National Park or the National Trust.

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