

## Nature Discovery

**Age Range:** Y1 and Y2 pupils  
**Duration:** 4.5 hours (10:00am – 2:30pm)  
**Locations:** Longdendale, Longshaw Estate, Macclesfield Forest



This is a day of exploration and discovery in our woodland wildlife areas and ponds. Pupils will become explorers and go on a multi-sensory journey to discover the many natural treasures of our woods and ponds and the creatures that live in them. Pupils will use equipment to investigate these habitats as well as games and sensory activities. This is an introduction to habitats in an immersive and hands on day.

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, it is recommended to discuss your particular needs with us before booking.

**Main Curriculum Links:**

**Science:** Working scientifically, Living things and their habitats, Animals including humans

Key Learning Objectives Children should learn ....	Learning Outcomes
<ul style="list-style-type: none"> <li>Using basic field work equipment correctly.</li> <li>Identify that most living things live in a habitats to which they are suited.</li> <li>Explore how different habitats provide for the basic needs of different kinds of animals and plants.</li> <li>Identify and name a variety of plants and animal in their habitats, including microhabitats.</li> <li>Describe how animals obtain their food form plants and other animals, using the idea of a simple food chain.</li> <li>Identify and name a variety of common animals that are carnivores, herbivores and omnivores.</li> <li>Describe the basic needs of animals for survival (water, food and air).</li> </ul>	<p><b>All</b> children will be able to:</p> <ul style="list-style-type: none"> <li>Use their senses to explore the natural world to help them understand which part of the body is associated with each sense.</li> <li>Compare and contrast familiar plants (e.g. shape of leaves).</li> <li>Start to identify and name a variety of trees</li> <li>Use simple equipment to safely search for mini-beasts in our woods and ponds.</li> <li>Start to learn how to identify the animals that they find using basic keys.</li> <li>Enjoy spending time in the Peak District National Park</li> </ul>
<p>Other skills</p> <ul style="list-style-type: none"> <li>Listening to and following instructions</li> <li>Looking carefully/observational skills</li> <li>Using equipment accurately</li> <li>Working independently</li> </ul>	<p><b>Most</b> children will be able to:</p> <ul style="list-style-type: none"> <li>Begin to sort and group the living things that they have discovered</li> <li>Record what they have discovered and begin to use scientific language (invertebrates, amphibians etc.)</li> <li>Talk about what they have found out and how they found it out</li> </ul>
	<p><b>Some</b> children will be able to:</p> <ul style="list-style-type: none"> <li>Start to understand the inter-relationship between living things in the habitats they have explored.</li> </ul>

**Assessment for Learning**

- Recap and talk about what they have been doing at different times during the day.

**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](#)
- Go for a walk round the school ground or local area. How many different trees can you spot and what leaf shapes do they have?
- Do some more investigation in to the invertebrates and amphibians you found. Can you do a frog, dragonfly or beetle life cycle?

**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 National Trust.