



Peak District Explorers - Map Skills

Age Range: Y3 to Y6
Duration: 4.5 hours (10:00am – 2:30pm)
Locations: Longshaw Estate and Macclesfield Forest

This practical session aims to develop children’s geographical skills. Indoors children compare maps and aerial photographs of the local area. They draw simple maps to understand ‘bird’s eye view.’ Outdoors they draw and follow their own maps and learn about the 8 points of a compass. Using a course laid out in the grounds, children practice their map reading skills on a simple orienteering course.

For upper KS2 there are opportunities to orientate a map, learn about and use OS map symbols and 4 and 6 figure grid references.

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:

Geography Geographical skills & fieldwork
Physical Education Outdoor activity, orienteering skills
Maths Geometry – understanding angles

Key Learning Objectives Children should learn	Learning Outcomes
Geography <ul style="list-style-type: none"> Different types of maps and their purposes Use of maps of different scales Use of aerial photographs 8 points of a compass Physical Education <ul style="list-style-type: none"> Basic orienteering skills Maths <ul style="list-style-type: none"> Angles are measured in degrees and one whole turn is 360° Relate angles and degrees to points of the compass Other skills <ul style="list-style-type: none"> Listening to and following instructions Looking carefully/observational skills Using equipment accurately Working independently Problem solving 	<p>All children will be able to:</p> <ul style="list-style-type: none"> Understand that different maps are used in different contexts and for different purposes Draw a simple map and understand orientation and the need for scale Identify the 4 main points of the compass Use a compass to find north <p>Most children will be able to:</p> <ul style="list-style-type: none"> Match features on a map to the same features on an aerial photograph Navigate to points using a map Identify the 8 main points of the compass and state some of their angles in degrees <p>Some children will be able to:</p> <ul style="list-style-type: none"> Describe what a location will look like by interpreting symbols on a map Match symbols on a map to landscape features Identify the 8 main points of the compass and state their angles in degrees Explain how a compass works in terms of magnetism

Assessment for Learning

- In pairs draw a map of a small area to show understanding of aerial view.
- Be able to draw a simple map showing points of the compass

Ideas for Extending Learning Before/After the Visit

- Familiarise children with the 4/8 points of the compass
- Introduce children to OS map key and learn to recognise some symbols
- Ask children to draw a map of a familiar place (eg school playground) and devise a key
- The Ordnance Survey provides educational resources for schools including access to OS maps and downloadable activities at www.ordancesurvey.co.uk

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.