

PEAK DISTRICT NATIONAL PARK LEARNING & DISCOVERY TEAM



MOUNTAINS & VALLEYS

Age range: Y4 –Y6

Duration: Full day (10.00 – 14.30), May – October only

Locations available: Crowden , Macclesfield Forest, Moorland Discovery Centre/Longshaw Estate, Thorpe Cloud, Castleton.

This programme allows learners to have the experience of climbing a hill, and to explore the differences between lowland and upland environments. Depending on the location, it can run on the hills of the Dark Peak, or the lowland dales. Activities can include:



- Mountain and valley features and formation
- Upland and lowland habitats
- Investigations into how conditions change further up a hill or mountain.
- Map-reading and navigation skills
- Describing the environment

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 Mountains; geography fieldwork skills
Science practical enquiry, working and thinking scientifically; living things and their habitats
Physical Education Outdoor activity

Key Learning Objectives	Learning Outcomes
Geography <ul style="list-style-type: none"> • Hills and mountains • Fieldwork skills, including making observations about the landscape • Asking and answering geographical questions. 	All children will be able to: <ul style="list-style-type: none"> • Notice differences and similarities between upland and lowland environments • Describe how it feels to climb a hill or mountain
Science <ul style="list-style-type: none"> • Name some of the specialised creatures and plants that live in upland environments. • Rocks and their formation • Carrying out practical and comparative investigations. 	Most children will be able to: <ul style="list-style-type: none"> • Describe and explain similarities and differences between upland and lowland environments. • Name some animals and plants that live in an upland environment
Other skills <ul style="list-style-type: none"> • Listening to and following instructions • Looking carefully/observational skills • Using equipment accurately • Working independently and as part of a group. • Problem solving 	Some children will be able to: <ul style="list-style-type: none"> • Describe and explain how mountains are formed. • Describe human activity in upland environments

Other important information: The terrain for this day is rough in places, and weather can change quickly in an upland environment. All participants *must* have sturdy footwear and warm clothing. See our pre-visit guidance for more details.

Assessment for Learning

We continually assess learning using a variety of techniques appropriate to the activity such as questioning, games, observations and checking results

Ideas for Extending Learning Before/After the Visit

Before:

Locate the peak district on a map, and discuss what the environment is like.
 Discuss being prepared; what equipment do you need to climb a hill or mountain?

After:

Compare the location around school with photos/memories of the visit. What similarities/differences are there?
 Tourism in mountains – what benefits/challenges does it bring? Role play different users.
 Creative writing: feelings, thoughts and memories of what it is like to climb a mountain.
 See our teacher's resource pages for more information and ideas: <https://www.peakdistrict.gov.uk/learning-about/peak-curriculum/mountain-environment>