

# PEAK DISTRICT NATIONAL PARK LEARNING & DISCOVERY TEAM TEACHERS NOTES - RIVER STUDY



<b>Age range:</b> Y3 – Y6	<b>Duration:</b> 10.00 – 14.30	<b>Available:</b> March to November
<b>Locations available:</b> Crowden, Macclesfield Forest, Moorland Discovery Centre.		

Our River Study day gives pupils the chance to explore a river and its features, through experiential learning and geographical fieldwork skills.

Activities provided as part of the day include:

- Measuring different aspects of the river, including depth, width and speed of flow
- Visiting different river features and learning how they are formed
- Link processes of the water cycle to the local landscape

Depending on location, you may:

- Use river dipping equipment to discover the creatures living in the river bed
- Conduct and compare measurements from 2 river sites
- Carry out field sketches
- Create river-themed artwork and/or investigate maps and photos of the river along its whole course

### **Important Notes for this Programme:**

**Transport:** You may need to arrange your coach transport to pick-up/drop-off your group at different points during the day – you will be informed if this is the case for your chosen site.

**Clothing:** The aim of the day is for all children to get in a river, so it helps if they can bring their own wellingtons. We have a small stock of wellies available to borrow at some centres; please ask for details

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:**

<b>Geography</b>	Rivers; Geographical skills & fieldwork
<b>Science</b>	Practical enquiries; Living things and their habitats; Rocks.
<b>Maths</b>	Measurement
<b>Physical Education</b>	Outdoor activity

Key Learning Objectives	Learning Outcomes
<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>Identifying features of a river</li> <li>Fieldwork skills, including making observations, measuring and recording, and using maps</li> <li>Asking and answering geographical questions.</li> </ul> <p><b>Science</b></p> <ul style="list-style-type: none"> <li>Setting up simple practical enquiries, comparative &amp; fair test.</li> <li>Living things and their habitats</li> </ul> <p><b>Maths</b></p> <ul style="list-style-type: none"> <li>Taking measurements of time, length and temperature.</li> </ul> <p><b>Other skills</b></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>All</b> children will be able to:</p> <ul style="list-style-type: none"> <li>Describe what a river is like</li> <li>Make observations about a river</li> <li>Take some simple measurements</li> </ul>
	<p><b>Most</b> children will be able to:</p> <ul style="list-style-type: none"> <li>Identify and describe key features of a river.</li> <li>Discuss and compare their measurements</li> <li>Describe some key physical processes in a river</li> </ul>
	<p><b>Some</b> children will be able to:</p> <ul style="list-style-type: none"> <li>Use technical terms to describe rivers and the physical processes</li> <li>Draw conclusions from measurement data</li> <li>Make comparisons between different landscapes</li> </ul>

### 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

- Look at key river features so children will recognise them 'in the real world'
- Find the Peak District on a map, and identify some key rivers
- Follow the course of the river on Google maps. Can you find the source/mouth?
- Discuss the types of creatures that might live in or near the river

### More ideas and resources available here:

<https://www.peakdistrict.gov.uk/learning-about/peak-curriculum/rivers>

**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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