

# Session Outline

## National 3/4/5 Geography Ecosystems

Geography: Physical Environments (National 3) Learners will develop a basic knowledge of key aspects of landscape types and weather in the United Kingdom.

Geography: Human Environments (National 3) Learners will develop routine research skills in geographical contexts.

Geography: Physical Environments (National 4 & 5) Learners will develop geographical skills and techniques in the context of physical environments. Learners will develop a straightforward knowledge and understanding of the processes and interactions at work within physical environments. Learners will study a selection of landscape types from contexts within Scotland.

Learning objectives	Session structure	Assessment for learning
<p>Develop observational skills in a practical setting.</p> <p>Use a variety of fieldwork techniques to collect data relating to a geographical investigation</p> <p>Gain an understanding of the role that humans have upon and within natural systems</p> <p>Evaluate a wide range of approaches to fieldwork and data collection</p>	<p><b>Ecosystems</b></p> <p>Students will be immersed in the inspirational ecosystem of an RSPB reserve. RSPB Learning staff will enable students to follow the geographical enquiry process. Collecting field data to investigate the habitats within our reserves students will gain an understanding of the characteristics of UK ecosystems. Students will make best use of the habitats available at your chosen reserve and may include temperate woodlands, moorlands and heaths, dunes or wetlands. By looking at the impacts of humans students will develop an understanding of their role within these systems.</p> <p>Students will investigate how the RSPB and partner organisations work together to sustainably manage the landscape at a local and global level.</p> <p><b>Plenary activity</b></p> <p>Using their experiences in the field students will evaluate and consider the limitations of their methodology and present their findings</p>	<p>RSPB Learning staff will use a variety of teacher and student led individual and group activities throughout the session to assess for learning.</p>
Before your visit	After your visit	Key terms
<p>Students will benefit from having prior knowledge of the main UK ecosystems.</p>	<p>Use the data collected to develop a wide range of data presentation and data analysis techniques using first hand information.</p>	<p>Ecosystems, interdependence, human interactions.</p>