

Session Outline

GCSE Geography – Ecosystems fieldwork

Specification links: The investigation will focus on ‘ecosystems’ as a topic. Please check this is relevant to your school’s Geography exam board. Please contact your chosen site to discuss your specific requirements.

Learning objectives	Session structure	Assessment for learning
<p>Collect data for the GCSE Geography fieldwork work paper.</p> <p>Develop a standardised method and choose appropriate equipment.</p> <p>Justify why the equipment and method were chosen.</p> <p>Explain some limitations of the investigation.</p>	<p>Ecosystems</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, preparing students for their GCSE Geography exams.</p> <p>Collecting field data to investigate the habitats within our reserves, students will gain an understanding of the characteristics of UK ecosystems. Students will select the most suitable surveying techniques to sample a range of terrestrial and/or aquatic habitats available at your chosen reserve. Students will investigate how the RSPB and partner organisations work together to sustainably manage the landscape. Students will gain an understanding of the impact of humans on these systems</p> <p>Plenary activity</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 and an understanding of sampling strategies.</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, data, sampling, biotic, abiotic.</p>