

# Session Outline

## A Level Biology – Human impact

**Specification links: Session is tailored to the exam board specifications. Please refer to the supporting document for your chosen exam board**

Learning objectives	Session structure	Assessment for learning
<p>Apply scientific knowledge to practical contexts</p> <p>Collect data using relevant ecological sampling techniques</p> <p>Collect data to quantify the impact of human activities on the ecology of our reserves</p>	<p><b>Human impact</b></p> <p>In the inspirational setting of an RSPB nature reserve students will investigate the impact of human activities on species, communities and habitats and consider how conservationists act to mitigate negative impacts and balance the needs of humans and nature.</p> <p>They will collect quantitative and qualitative data demonstrating the impact of human activity on the habitat being studied and reflect on the limitations of their methodology in drawing conclusions.</p> <p>Their findings will be used to provide context for wider world impacts and initiatives.</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>The data collected can be used in mathematical analysis, such as Simpson's index of diversity and/or for use with appropriate statistical tests.</p>	<p>Sampling techniques, quantitative, qualitative, conservation, human impact.</p>