



Ecology and Wildlife conservation

Lesson plan

Starter activity	Learning objectives
<p>Answer the question: Is nature worth conserving?</p> <p>Students write answers on sticky notes or place them in a Padlet wall.</p> <p>Then categorise the arguments posted into moral or economic arguments (use article on Step 1.2 to help decide).</p>	<ul style="list-style-type: none"> To reflect on the importance of wildlife and human impact. To interpret different sources of information. To explore the human impact on different ecosystems. To summarise different ways humans impact different ecosystems.
Main activities	Resources required
<p>Look at graphic on Step 1.3 and get students to create their own definitions of the key words visible. Peer-review to compare definitions with the Glossary on Step 1.1.</p> <p>Split class into three groups to learn about different case studies; identifying the problem and its effect, and any other useful or interesting information:</p> <ol style="list-style-type: none"> Watch video on wind farms in Step 1.5 then look at the data in the interactive map in Step 1.6 and answer the questions. Watch video on coral reefs in Step 2.2 and read article below it. Watch video on bees on Step 2.6 and read article on Step 2.7. <p>Debrief: each group summarises what they've learned to the rest of the class - teacher scaffolds to reach all key learning points that students note down.</p>	<ol style="list-style-type: none"> Access to FutureLearn course. Sticky notes (optional). Padlet wall (optional). Devices to watch videos on and see glossary (could print glossary as alternative). <p>Assessment for Learning Debrief summary shared with class.</p> <p>Class vote on coral reef loss.</p> <p>Differentiation SEND: Videos have subtitles.</p> <p>Low ability: Peer-learning.</p> <p>Gifted and Talented: Peer-teaching and extension activity: read through the Case Study on Step 2.9.</p> <p>Plenary Students pick one organism of their choice and describe how humans are impacting on their survival and the survival of their ecosystem.</p>

Go to exercise on Step 2.4 and get class to vote or predict what they think will happen if the coral reef dies. Students note down the conclusions and key points discussed.