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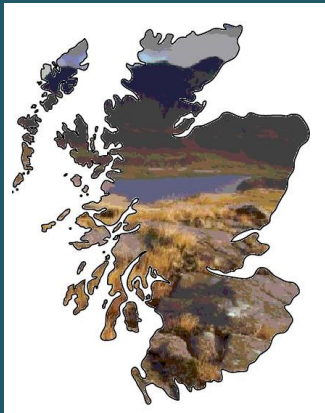
Biodiversity in Scotland: Past, Present, Future

Forthview Primary School

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Project Brief

- Teaching learners about the variety and value of species in Scotland
- Understanding how species composition has changed over time
- Teach and reinforce the core concepts of biodiversity and conservation



- Taking responsibility on a global scale to conserve habitats and species
- Understand conservation strategies and debate surrounding topics such as rewilding
- **What will be the future of Scotland's biodiversity?**

Learning context and lesson structure

Audience: two primary seven classes at Forthview Primary School within the Scottish Curriculum for Excellence

Learning Aims:

Debating skills, teamwork

Literacy & numeracy skills

Critical thinking & scientific method

Summarising & note taking

Knowledge of conservation

Understanding of Scottish Biodiversity and how it has changed

Successful Learners, confident individuals, responsible citizens, effective contributors

Lesson 1: Past

Scottish locally extinct species. Linking this to the core concepts: habitat destruction and biodiversity. Thought experiment on tree cover change.

Lesson 2: Present

Making decisions on species survival to highlight species interdependence and complex food webs.

Lesson 3: Future

Emphasise how the decision making process is carried out in conservation and to introduce the concept of rewilding in the form of a debate.

Past

Present

Future

Project outcomes and impact

Outcomes: A comprehensive pack of lesson plans, PowerPoints, worksheets and a website was created:

biodiversityforprimaryschools.wordpress.com

The impact is best gauged by comments from teachers and pupils:

"I enjoyed learning about biodiversity, thank you for doing this with us"

"It has been a great privilege for us to have had you working with our Primary 7s. You certainly have left Forthview with very valuable learning"

"You were able to pitch the lessons at an appropriate level and to keep the children engaged throughout; not an easy task!"

