

# Post 16 Sex for Survival



## Session Description

Focusing on captive breeding for conservation, this workshop provides an insight into the importance of interzoo co-operation in maintaining genetic diversity.

The session starts by considering the influence of genes and genetics, as well as environmental factors, on the resilience and variation within a population. Then, using Marwell's stud books and case studies we explore the wider complexities of ex-situ breeding programme management in practice.

## Session objectives

To develop an understanding of current threats to animal species.

To consider the advantages and disadvantages of different conservation strategies.

To explore the economic, social and ethical reasons for the conservation of species including consideration of land-use conflicts.

## Specification Links

AQA & OCR Biology AS/A level (2017) Module 4: Biodiversity, evolution and disease, Module 6: Genetics, evolution and ecosystems

EDEXCEL Biology AS/A level Topic 4 Biodiversity and Natural Resources 4.16

BTEC Nationals Animal Management: Unit 1 Breeding and Genetics; Unit 24 Wildlife Ecology and Conservation Management

T Level Technical Qualification in Animal Care and Management Specification Level 3



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