



Profiling provision that supports the delivery of RSHP education

RZSS (Edinburgh Zoo & Highland Wildlife Park)

Title of programme: **Reproduction: Secondary School (S1 – S6)**

Contact person: Amy Cox

Contact details: education@rzss.org.uk 0131 314 0335

About the programme

RZSS is a wildlife conservation charity working from a basis of scientific knowledge and research. Our aim is to deliver accurate and engaging sessions to connect people to the natural world.

By using a combination of examples from our site's animal collection, including a strong focus on our giant pandas, we aim to look at the diversity of reproductive strategies found in the natural world and compare them to human reproduction. We will explore the influence of behaviour, anatomy, hormones, fertility treatments and zoo animal husbandry on successful reproduction within the captive breeding programme. Curriculum topics include Fertilisation & Embryonic Development (Nat 3:2.4), Sexual and Asexual Reproduction and their importance for survival of species (Nat 4:2.1), Reproduction (Nat 5:2.4), the biology of controlling fertility (Higher Human:2.3) and Sex and Behaviour (Adv. Higher:2.4).

The Reproduction session aims to provide students with knowledge of reproductive strategies across the natural world. We will discuss the influence of behaviour, anatomy, hormones, fertility treatments and zoo animal husbandry on successful reproduction within the captive breeding programme. We will also make comparisons to human reproduction.

This session links particularly well to Higher Human Biology however the focus of this session can be tailored to suit the level of your students or to highlight specific areas of BGE, or Biology at: National 4, National 5, Higher and Advanced Higher.

Links to further information

<https://www.rzss.org.uk/rzss-education/>