

Population Dynamics – a study of the Quoll and Fox



Students investigate the inquiry question “*What effect can one species have on the other species in a community?*” through studying the interactions of the Spotted-Tailed Quoll (*Dasyurus maculatus*) and Red Fox (*Vulpes vulpes*).

This authentic and rich first hand investigation covers many of the Working Scientifically Skills and content from Module 4, Ecosystem Dynamics;

- Pre-research tasks (2hrs)
- Fieldwork data collection (5hrs) including:
 - Abiotic sampling techniques, vegetation identification and habitat surveys.
 - Fauna sampling using camera trap technology and nest box investigation techniques
 - Citizen science with the Atlas of Living Australia and Hollows as Homes.
- Post excursion tasks (2hrs) including
 - Processing and analysing data, problem solving and communicating
 - Optional assessment task guidelines.

Syllabus Links: Stage 6 Yr 11 Biology – Module 4: Ecosystem Dynamics, Population Dynamics and Depth Study.



Contact Brewongle EEC for pricing and available dates.

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