



Adaptations

Stage 3 Science and Technology: Living World

This Science and Technology excursion provides students with an opportunity to study one of Sydney's largest urban flying fox colonies. Students will conduct a field study into animal adaptation and survival via a key threatened species: The Grey-headed Flying Fox. They will then develop solutions for the problem of heat stress on the animals via modelling and construction.

The excursion activities will include:

- Observing and recording the behaviour and adaptations of the flying foxes
- Using natural materials to invent and construct a prototype to reduce the impact of heat stress on flying fox colonies
- Completing scientific field testing (biotic and abiotic) and using this data to determine the impact of the flying fox colony on the wetland environment

Syllabus Outcomes:

- **ST3-4LW-S** examines how the environment affects the growth, survival and adaptation of living things
- **ST3-1WS-S** plans and conducts scientific investigations to answer testable questions, and collects and summaries data to communicate conclusions
- **ST3-2DP-T** plans and uses materials, tools, and equipment to develop solutions for a need or opportunity

To book this or other Education excursions, email: education@centennialparklands.com.au