

Adaptations of Organisms



Mulloway (Phillip Island) is home to some unique and special animals that have adapted to suit their environments. Through a mixture of interactive lectures and hands on field work students undertake two case studies: the Little Penguin, and gurrborra (koala). Through studying these animals, students will discover structural, physiological, reproductive and behavioural adaptations. These adaptations assist the animals in coping with thermoregulation, osmoregulation and environmental factors.

Learning Objectives

- Structural, behavioral, reproductive, and physiological adaptations
- In field observation of penguin and koala habitat
- Koala component includes hands on field work, observing behaviours and structural features using taxidermy specimen

Level: VCE, Tertiary, Environmental Science

Location: Penguin Parade Visitor Centre / Koala Conservation Reserve

Duration: 2 hours

Ranger to student ratio: 1:25

Price: \$15.00 per student

Minimum Cost: \$300.00

Equipment: Sun protection, closed shoes

*Please note paid entry (unlimited time) for students to enter the koala Conservation Reserve must also be purchased for the Koala section of this experience.

Ranger facilitated session times are: 10:30am, 12:30pm and 3:00pm. Evening session times vary with the season. All ranger facilitated experiences are subject to availability.

We welcome your enquiry.

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More information visit: <https://www.penguins.org.au/conservation/education/>

VCE - Biology Unit 1 Area of Study 2 – How do Living Systems Sustain Life?

On completion of this unit the student should be able explain how various adaptations enhance the survival of an individual organism, investigate the relationships between organisms that form a living community and their habitat, and analyse the impacts of factors that affect population growth.