

ITINERARY

Year 5: Invertebrates - Adapt and Survive



Learning Goals:

- Identify structural features and adaptations of plants that help them survive in the Australian environment
- Discuss Aboriginal Peoples' use of adaptations of the grass tree
- Use equipment and materials safely to collect and examine live invertebrates
- Identify structural features and adaptations of invertebrates that help them to survive and grow in their habitat
- Design an invertebrate, choosing structural features that will help it survive in a specific environment

Time	Activity	
9.30 - 9.45 (15 mins)	Introduction to staff, program and facilities Meet the teacher in role	
9.45 - 10.00 (10 mins)	Discussion: What do we know about adaptations? Group work: Identify structural, behavioural and physiological adaptations of two invertebrates	
10.00 - 10.30 (30 mins)	Leaf adaptations: Identify structural adaptations of leaves to determine if they are better suited for a wet or dry environment, complete leaf rubbings	
10.30 - 11.00 (30 mins)	FIRST BREAK	
11.00 - 12.00 (60 mins)	Science skills: Where to find invertebrates Use of equipment/safety considerations Forest study: Invertebrate collection Sketch: Identify adaptations of a grass tree, complete a sketch	Science skills: Where to find invertebrates Use of equipment/safety considerations Forest study: Invertebrate collection Sketch: Identify adaptations of a grass tree, complete a sketch
12.00 - 12.30 (30 mins)	Invertebrate ID: Examination of live invertebrates, adaptations for survival	Invertebrate ID: Examination of live invertebrates, adaptations for survival
12.30 - 1.00 (30 mins)	SECOND BREAK	
1.00 - 1.50 (50 mins)	Creature feature: Design a creature with adaptations that are suitable for survival in a prescribed environment	
1.50 - 1.55 (5 mins)	Meet teacher in role	
1.50 - 2.15 (25 mins)	Live animal display: Experience live animals and discuss their specific adaptations	
2.15 - 2.30 (15 mins)	Farewell and depart	

Students will need:

- covered footwear
- sun safe clothing and hat
- long pants recommended
- sunscreen and insect repellent **already applied**
- water bottle

Litter free lunch

We encourage students and staff to pack a litter free lunch that contains no throwaway packaging. Everything in it can be reused, composted or recycled. Food should be in reusable containers rather than disposable plastic wrap and drinks in refillable bottles. Pre-packaged food is discouraged.