ITINERARY
Year 7: Investigating the Forest Environment

Students will: take on the role of a junior biologist to identify and investigate a keystone species.

Time	Activity		
9.30 - 9.45 (15 mins)	**Arrival** and greeting to centre		
9.45 - 10.05 (20 mins)	**Introduction:** Impact of biotic and abiotic factors and how they can influence the biodiversity of a forest ecosystem		
10.05 - 10.35 (30 mins)	**Classroom Food Web Activity:** Construct a forest food web (feeding relationships)		
10.35 - 11.05 (30 mins)	**FIRST BREAK**		
11.05 - 12.15 (1 hour 10 mins)	**Field:** Collection of invertebrates and forest abiotic data	11.05 - 12.15 (1 hour 10 mins)	**Field:** Collection of invertebrates and forest abiotic data
12.15 - 12.45 (30 mins)	**Field Microscope:** identification and classification	12.15 - 12.45 (30 mins)	**Classroom Classification:** Using and creating dichotomous keys
12.45- 1.15 (30 mins)	**SECOND BREAK**		
1.15 - 1.45 (30 mins)	**Classroom Classification:** Using and creating dichotomous keys	1.15 - 1.45 (30 mins)	**Field Microscope:** identification and classification
1.45 - 2.15 (30 mins)	**Conclusion:** evaluate the climate change threat to the keystone species from anticipated increases in storm frequency and bushfires.		
2.15 - 2.30 (15 mins)	**Farewell** and depart		

Students will need:

- field booklet, clipboard, pen
- covered footwear
- sun safe clothing and hat
- long pants recommended
- sunscreen and insect repellent **already applied**
- water bottle
- morning tea and lunch

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.