



Education

Environmental Change and Management

Stage 5 Geography



Students through inquiry work as geographers to focus on:

- identification of the function of natural environments in supporting biodiversity.
- investigations into human-induced environmental changes across a once natural environment.
- environmental management.
- explanation of how the biophysical processes operate in the environment to maintain its functioning.

Inquiry questions:

- What biophysical interactions are present in the Warrumbungle environment?
- How do people's world views affect their attitudes to and use of environments such as the Warrumbungle National Park?
- What are the causes and consequences of change in environments and how can this change be managed?
- Why is an understanding of environmental processes and interconnections essential for sustainable management of environments such as the Warrumbungle National Park?



Program Overview and Content Focus

This program comprises of pre-work, excursion, and post-work to target geographical and environmental literacy. This involves a large extent of inquiry-based learning consisting of first-hand observations and experiences by being submersed in the Warrumbungle environment. Students will gather a greater understanding of interactions and connections between people, places and environments by doing either Fans Horizon or Tara Caves short walks in the Warrumbungle N.P. Furthermore, students will gather information to explain the natural and human induced processes and influences that helped form and transform this environment.

Following this activity students will be taken to Camp Blackman, which is the main campground in the Warrumbungle N.P. From here students will draw a map which will further assist in assessing the management strategies for this unique environment to ensure its sustainability.

Outcomes

A student:

- explains processes and influences that form and transform places and environments GE5-2
- analyses the effect of interactions and connections between people, places and environments GE5-3
- accounts for perspectives of people and organisations on a range of geographical issues GE5-4
- assesses management strategies for places and environments for their sustainability GE5-5
- communicates geographical information to a range of audiences using a variety of strategies GE5-8

Indicative Schedule

Time	Activity
1030	Meet at Woolshed Carpark (Tara Cave walk) or Pincham Carpark (Fans Horizon walk) Acknowledgement of Country and introduction
1040	Walk, talk, munch, take notes and field sketch
1215	WNPEEC for lunch and toilets
1300	Mapping exercise at Camp Blackman
1345	Discuss inquiry questions
1415	Finish

