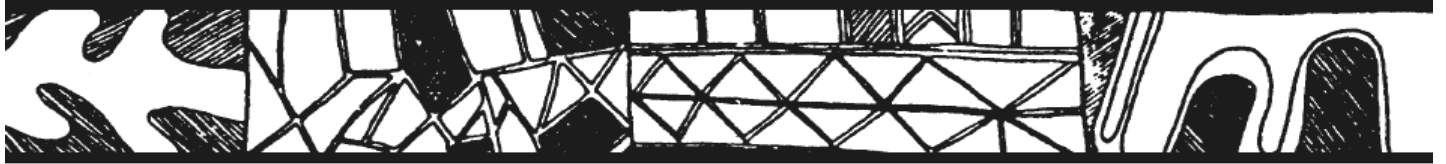


# EDUCATION PROGRAM – VCE



## BRAMBUK THE NATIONAL PARK & CULTURAL CENTRE

### 1. WELCOME TO COUNTRY – ALL SUBJECTS

*Your passport to the park, its people, their stories and the land*

You will be welcomed to the Grampians National Park (Gariwerd) by the traditional people and park rangers speaking local Aboriginal languages. Gariwerd has been interpreted differently by different people at different times. Two excellent short films illustrate this perfectly. The dreamtime story of the land formed by Bunjil and the Bram-bram-bult brothers is followed by the scientific account of how the mountains were formed. **Duration - 1 hour**

### 1a. MANAGEMENT PLAN – OUTDOOR AND ENVIRO STUDIES UNIT 2, 3 & 4

*Understanding the land is essential for management*

Grampians National Park is one of the most popular national parks in Victoria. Learn how this immense (168,000Ha) park is managed by dedicated staff and a vast array of community assistance. Our management plan is our guiding light in managing many complex environmental and visitor issues in this park. **Duration – 1/2 hour**

### 2. MT WILLIAM (DUWUL), BIOLOGY UNIT 1

*Gariwerd/Grampians is a unique place*

This activity involves students examining three sites on a transect along an altitude gradient. Dichotomous keys are used to examine of the diversity of living things. Students record and interpret their observations on interactions between organisms and their environment. Longer term environmental changes and its effects are used to discuss the distribution of plants and animals on Mt William (Duwul). **Duration: 3 hours**

### 3. HEATHERLIE QUARRY, OUTDOOR AND ENVIRO STUDIES UNIT 3 & GEOGRAPHY

*Great changes to Gariwerd/Grampians occurred in the last 200 years*

The Grampians/Gariwerd has been seen differently by cultures in different times. Italian stone masons exploited the wealth of superb quality sandstone from the Heatherlie Quarry in the late 1800's. Students will learn the history of this federation period site, which contributed so much to our first Parliament house. Non-indigenous cultures changing relationships with the land in the federation period are brought to life, as students explore the site. **Duration: 2 Hours**

### 4. FIRE – BIOLOGY UNIT 3

*Understanding the land is essential for management*

Students study different organisms' adaptations for survival in a fiery place. Many plants in these environments have structural adaptations, while animals have behavioural adaptations to survive heated moments. Several sites are visited to investigate the ecological succession of events take unfold after a fire. And investigate the effects of human induced environmental change. The fire management in the park is also discussed as it plays a very important role for management of this landscape. **Duration: 2 hours**

### 5. VISITOR SITES – GEOGRAPHY UNIT 3

*Healthy Parks, Healthy People*

Students visit two very different visitor sites and compare and contrast levels of development and use. They discuss positive and negative aspects of resource use on people and the environment. The development and regulations surrounding resource use in the Grampians National Park are designed to achieve ecologically sustainable development. Students can then make informed decisions on likely future options for sustainable development in this park and its effect on people. **Duration: 2 hours**

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