

Geelong Area

Education Programs



Habitat Assessment

Park: Serendip Sanctuary

Levels: 7 – VCE

Science, VCE Environmental Science

Topics: Ecosystems, quadrat sampling

Students learn about the impacts humans have had on grasslands and species like the Eastern Barred Bandicoot. They undertake a habitat quality assessment of a grassy woodland ecosystem and assess if it is a suitable area for an Eastern Barred Bandicoot release.

Minibeast Discovery

Park: Serendip Sanctuary

Levels: Foundation – 6

Science

Topics: Lifecycles, habitats, adaptations

Students collect aquatic invertebrates at one of Serendip's wetlands and explore the features of these organisms.



Waterwatch

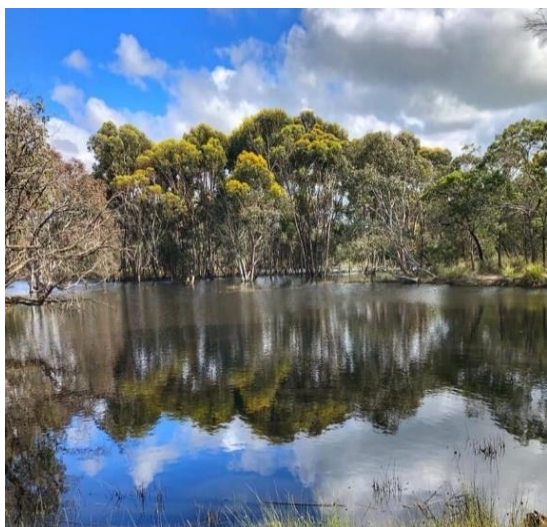
Park: Serendip Sanctuary

Levels: 5– 10

Science, VCE Environmental Science

Topics: Ecosystems, water quality testing

Students assess the health of one of Serendip's wetlands by testing the water for turbidity, pH, phosphorous, electronic conductivity and temperature. They learn that testing the water is essential for maintaining or improving water quality.



Climate Connections

Park: Serendip Sanctuary, Brisbane Ranges National Park & Ocean Grove Nature Reserve

Levels: 5 – VCE

Science, Geography

Topics: Climate change, adaptations, ecosystems

Students explore the different adaptations of plants and animals and the interconnections between people and the environment by becoming citizen scientists for a day. Walking our ClimateWatch trail, students can use data collection sheets and an App to make observations of the local plants and animals, their behaviours and where they are found in the park.



Discovering Country

Webinar available

Park: You Yangs Regional Park

Levels: Foundation – VCE

History, Geography

Topics: Aboriginal culture

Students observe key features of the landscape that are vital to the survival of Aboriginal people while gaining an understanding of the importance of Country and Place. Students explore Big Rock and learn about uses of plants, traditional tools, shelters and rock well.

East to West

Webinar available

Park: You Yangs Regional Park

Levels: 8– VCE

Geography, VCE Outdoor and Environmental Studies

Topics: Environmental change and management, tourism, landforms and landscapes, perceptions of place, ecosystems

The East-West walk provides excellent views of the park and the surrounding landscape. Students investigate how certain factors influence the growth of native plants and how the landscape around the walk has changed over time. The students discover what negative impacts humans have had on the walk and how these impacts should be managed.

The East West walk is 4.5km and a certain level of fitness is required.



Exploring Big Rock

Park: You Yangs Regional Park

Levels: 3 – VCE

Geography, VCE Outdoor and Environmental Studies

Topics: Environmental change and management, tourism, landforms and landscapes, perceptions of place, ecosystems

The Big Rock walk takes students around and to the top of Big Rock. The students learn about native plants and animals that can be found in the park and how they are protected by park rangers. Students learn about the history of the park and how different groups have perceived and used the You Yangs over time.