

Turtle Rock

Stage 5-6 Biology

Duration: 4 hours

Location: Turtle Rock is on Dilladerry Road, off Obley Road, Dubbo.

Risk Management advice: this is sent out by email and will need to be returned.

Cost: This activity is included in the On-site whole day program and overnight programs.
On site whole day program is \$15.00/ Student

What to bring: Students to bring morning tea, lunch in a lunchbox, water, hat and sunblock in a small back pack. The school encourages recycling so an Earth friendly lunch is encouraged. An Earth friendly lunch is one that has only recyclable or reusable containers for packaging and reduces the amount of rubbish.

What to wear: Sports uniform recommended with a hat and comfortable covered shoes.

Teachers: Teachers and visitors will need hats and covered shoes also for walking in the outdoors.

Extreme weather: The school is in an extreme weather zone and could be subjected to days above 35 degrees, high wind, dust storms or extreme fire danger. Such conditions may result in the day being modified, cancelled or postponed.

Medical conditions: please notify the EEC staff.

Centre Rules: We encourage the students to show respect for their environment during their visit. They can do this by staying on the paths to protect the environment and recycling their rubbish appropriately.



Overview

Students will carry out a field study to analyse the local environment, to compare natural and human impacted environments and become aware of the relationships which exist in the area. They will climb Turtle Rock and complete fieldwork activities up the top.

Outline of Activities

PowerPoint of Turtle Rock-ecosystems, history, how it was formed, remnant vegetation, human impacts, climate change and adaptations to habitats.

Drive out to Turtle Rock and explore the environment. **Discuss** the vegetation, human impacts and adaptations to habitats.

Complete a vegetation profile and transect.

Complete **fieldwork** for Abiotic variables on different sites on Rock (on top and bottom of Rock).

Australian Curriculum Outcomes

BIO11-12-1- Develops and evaluates questions and hypotheses for scientific investigation.

BIO11/12-3- Conducts investigations to collect valid and reliable primary and secondary data and information.

BIO11/12-5- Analyses and evaluates primary and secondary data and information.