

Earth's Environment:

Eucalypt Forest - a Significant Environment



School name:	Sample Public School
School phone:	9999 9999
Organising teacher - first name:	
Organising teacher - last name:	
Email:	fieldofmar-e.school@det.nsw.edu.au
Mobile:	
Excursion:	Sample Program
Start time:	9.45am
Finish time:	2pm
1st date (refer to the booking calendar above):	
Approx student numbers:	60
Number of classes:	2
Grades:	4
2nd date (if required):	
Approx student numbers:	60
Number of classes:	2
Grades:	4

Teacher checklist

Location – Boronia Park Oval to Buffalo Creek Reserve.

Bus drop off - Boronia Park Oval, cnr Park and Ryde Rds, Boronia Park. Entrance in Park Rd.

Bus pick up - Buffalo Creek Reserve, bus bay on eastern side of Pittwater Rd.

Bus access - give supplied access information to driver. No bus access to carparks.

Cost - DOE \$16.00 per student, no GST. Non Gov School Cost: \$26 per student (GST free, minimum charge \$550)

Bring - essential items only: medications, food, water, sunblock, hat and raincoat in a small backpack.

Photographic device - bring one per class for teacher use to record forest characteristics.

Clothing - sports uniform recommended. Hats and sturdy closed shoes essential for all visitors.

Staffing - classroom teachers will be involved in all activities including rugged bushwalking.

Parent helpers - welcome, no preschoolers. Closed shoes essential.

Name tags - reusable and pinned on.

Extreme or wet weather - may result in the excursion being modified, postponed or cancelled. This includes days predicted to be above 35°C, high winds, extreme bush fire danger and dust storms.
Ph:98161298

Cancellations - less than two weeks notice \$100. This does not apply to cancellations due to weather.

Medical or special needs - please notify EEC staff.

Limited bin access - all student waste will be taken home by students.

Student welfare - students will be outdoors all of the day walking along rugged terrain. It may not be suitable for students who have been recently unwell.

Inquiry questions

How does the eucalypt forest provide habitat for the ringtail possum and other native animals?

- *What are the characteristics of a eucalypt forest?*
- *What habitat is found in a eucalypt forest?*
- *How is the vegetation in a eucalypt forest used by the ringtail possum and other native animals? (Geog & SciTech)*
- *What are some relationships between living things in a eucalypt forest? (SciTech)*

Learning activities

Acquiring geographical information

Fieldwork bushwalk

Students will be immersed in a rich and diverse eucalypt forest located along the banks of the Lane Cove River. They will undertake a rugged bushwalk traversing rocky outcrops, wet and dry eucalypt forests and boardwalks beside mangrove and salt marsh plant communities.

Equipped as 'place detectives', students will carry a kit of equipment and will each be given a take-home A4 field journal for recording. Through teacher-led and student-directed activities students will investigate and record the characteristics of the forest, evidence of animals and their interconnection with the environment.

Fieldwork tools will include sensory observation, invertebrate hunts and recording through sketching, mapping, watercolour, tallies and photographs.

Please bring one device per class for taking photographs.

Processing geographical information

To conclude the day, students will use loose natural materials to recreate the vegetation layers, habitat features and animals of the forest. They will provide a verbal explanation of the forest interconnections.

Syllabus outcomes and content

Geography K-10

Significance of environments GE2-1, GE2.2, GE2.4

Students investigate the importance of natural vegetation and natural resources to the environment, animals and people, for example: (ACHGK021, ACHGK022, ACHGK024)

- identification of types of natural vegetation eg forests, grasslands, deserts
- explanation of the importance of natural vegetation to animals and the functioning of the environment eg provision of habitats, production of oxygen
- discussion of the importance of natural vegetation and natural resources to people

Science and Technology K-6

Living World ST2-11LW

Living things, including plants and animals, depend on each other and the environment to survive. (ACSSU073)

Students:

- identify some factors in the local environment that are needed by plants and animals for survival
- outline the relationship between plants and animals, including that plants are able to use light to make food, while animals must eat plants or other animals to obtain food

Environmental education objectives

Students will develop:

knowledge and understandings about:

- the nature and function of ecosystems and how they are interrelated (K1)