

Night Raiders at Field of Mars Reserve - Stage 2



School name: Sample Public School

School phone:

Organising teacher - first name:

Organising teacher - last name:

Email:

Mobile:

Excursion: Night Raiders

Start time: 9.30am

Finish time: 2.15pm

1st date (refer to the booking calendar above):

Approx student numbers:

Number of classes: 2

Grades:

2nd date (if required):

Approx student numbers:

Number of classes: 2

Grades:

Teacher checklist

Location – Field of Mars Reserve, western side of Pittwater Road, East Ryde.

Bus access - give supplied access information to driver. No bus entry into Field of Mars Reserve.

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.

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 so 'nude food' containers are encouraged.

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

Learning Activities

Introduction

A nocturnal soundscape will be played to set the scene and introduce the investigation for the day. Team member roles will be allocated, the quest explained, skills modelled and equipment distributed.

Investigative bushland quest

Teams will collect clue cards along the track through the bushland in the Field of Mars Reserve. Students unravel the rhyming riddles to locate evidence and follow positional directions. Students collect some examples of moveable evidence and use iPads to photograph other evidence that can't be collected.

Analysis of trace evidence

Students sort their evidence and use ID sheets and a multitouch informative book on the iPad to sort and classify their evidence into herbivore and carnivore and to identify animals from the evidence collected. Students label their evidence and add notes and arrows showing the relationships between animals.

Evidence charts will be prepared for display to the other teams. Teams examine other teams' evidence and make amendments to their interpretations and conclusions. Students create claims based on all the evidence presented by the class.

Presentation

To conclude the day students will present their claims and supporting evidence in a news report style presentation moderated by Field of Mars teachers. This can be recorded and given to teachers on request for assessment purposes.

Science and Technology Outcomes

ST2-4WS, ST2-10LW

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

- 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 and animals are able to use light to make food, while animals must eat plants or other animals to obtain food
- gather information about some relationships between living things

Learning across the curriculum

Sustainability – Night Raiders provides an authentic context for exploring, investigating and understanding systems in the natural environment.

Critical and creative thinking – students will have the opportunity to generate and evaluate knowledge, clarify concepts and ideas, seek possibilities, consider alternatives and solve problems

Personal and social capability – students will have the opportunity to question, solve problems, explore and display curiosity. They will have the opportunity to make decisions and work effectively in a team.