

# Feathers, Phasmids and Leaves

## Field of Mars Reserve - Stage 2



School name:	Sample Public School
School phone:	9999 9999
Organising teacher - first name:	
Organising teacher - last name:	
Email:	
Mobile:	
Excursion:	Feathers, Phasmids and Leaves at Field of Mars
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 all day, carrying their bag and along rugged terrain. It may not be suitable for students who have been recently unwell.

## Learning activities

### Bushwalk

The focus of the bushwalk is for students to explore the observable features of living things in their environments. The track traverses a variety of environments, from the moist vegetation along the creeks to the dry woodland slopes.

Students will learn how to classify animals and plants and locate and classify useful bush resources that can be used for medicine, food, tools and shelter.

### Phasmid features

Students will take part in a close-up and hands-on encounter with a variety of leaf and stick insect species. They will view magnified phasmid features of adults and their various stages of development.

Students will draw and label close-ups of the observable features of a phasmids that are used in their classification as insects.

### Invertebrate investigation

Investigation question: *What invertebrate groups are found in the gardens of the Field of Mars Reserve?*

Students predict results and use fieldwork methods and scientific equipment to conduct tree shakes and leaf litter digs to collect a variety of invertebrates.

Collected specimens will be examined using magnifiers and classified using a dichotomous key on an iPad. Students will then respond to their predictions and draw conclusions.

## Syllabus outcomes and content

**Curriculum note:** This excursion is aligned with the language, learning models and experiences of the Primary Connections Stage 2 unit *Feathers, Fur or Leaves?*

### Science and technology K-6

ST2-10LW

Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)

Students:

- identify some features of living things that distinguish them from non-living things, e.g. reproducing, growing and responding to stimuli
- identify and use patterns in the observable features of living things to group them, by using tables, diagrams or flowcharts
- research ways that Aboriginal and Torres Strait Islander peoples classify some plants or animals

ST2-4WS

Students conduct investigation by:

- safely using appropriate materials, tools or equipment to make and record observations, using formal measurements and digital technologies as appropriate (AC SIS055, AC SIS066)

### Environmental education objectives

Students will develop values and attitudes relating to:

- a respect for life on Earth (V1)