

Watch it Grow

Field of Mars Reserve - Stage 1



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: 4188888888

Excursion: Sample Program

Start time: 9.45am

Finish time: 2pm

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

Approx student numbers: 62

Number of classes: 2

Grades: 5

2nd date (if required):

Approx student numbers: 62

Number of classes: 2

Grades: 6

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.

Inquiry question

How are adults similar to or different to their offspring?

Learning activities

Bushwalk

What are some examples of different life stages of plants and animals in bushland? What are their external features?

The bushwalk will traverse several environments. Along the way students will undertake a variety of sensory activities to observe the different stages plants and animals go through as they grow and change. Some plants and animals will only be found in one or two life stages so visual props will also be used.

Invertebrate investigation

What invertebrates live in the native gardens? What do the adults and their offspring look like?

Students will work in small groups to search for and collect leaf litter invertebrates in the gardens around the education centre. Collected specimens will then be examined and identified using magnifiers and ID charts. Some will be magnified onto the IWB and their life stage and features explained.

Build a bug

What are the external features of phasmids in each of their life stages?

The session will be introduced with leaf insects from the centre's collection and their various life stages shown and explained.

Students will then choose a stage of growth of a leaf insect and work individually to create it from pipe cleaners and found materials.

Syllabus outcomes and content

Science and technology K-6

ST1-10LW

Living things have a variety of external features. (ACSSU017).

- Describe some external features of a variety of living things, including plants and animals
- Use a range of methods, including fieldwork, to identify plants or animals in their local area

Living things grow, change and have offspring similar to themselves. (ACSSU017)

- Compare the appearance of adult living things with their offspring.

ST1-4WS

Students conduct investigations by:

- Using a range of methods to gather data and/or information, including using their senses to make observations safely and carefully, using simple tools and equipment

Environmental education objectives

Students will develop values and attitudes relating to:

- a respect for life on Earth (V1)