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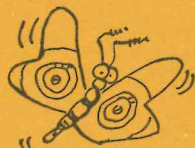
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Tell me and I'll forget;
show me and I may remember;
involve me and I'll understand.

— Chinese Proverb

Get involved ... with The Hills Forest



DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

PRINTED ON RECYCLED PAPER

Exploring The Hills Forest



Opportunities for primary school
teachers and students in 1998

'Exploring The Hills Forest' environmental education programs are held in the jarrah forest near Mundaring. These action-packed programs are designed and coordinated by the Department of Conservation and Land Management (CALM)

PAM02510



Department of Conservation and Land Management

1. Discovering The Hills Forest for Years 6 & 7

This program, which explores the jarrah forest ecosystem, was developed in 1992 and pioneered the range of opportunities now available for schools at The Hills Forest Activity Centre. We make it easy for teachers by arranging and paying for the bus.

What teachers had to say about the program:

This excursion and resource package linked perfectly with our work on Primary Investigations and with the First Steps approach to teaching English. Thanks.—Barbara

What's involved:

- ❖ **Teacher Professional Development (PD) day in the forest**
This gives teachers an overview of our programs, a resource package and some experience of the activities students will encounter during excursions.
- ❖ **Pre-visit and post-visit activities at school**
Teachers use the resource package to prepare students for the excursion and follow-up afterwards.
- ❖ **Students' excursion**
A one-day field trip into the forest. Students are led by CALM staff and environmental educators.
- ❖ **Student numbers**
Minimum: 25
Maximum: 1 class.
- ❖ **Cost**
PD day: \$35.00 per teacher (includes lunch and resource package.) Excursion: \$6.00 per student (includes bus fare)
- ❖ **Time**
Excursion: 10 am to 2.00 pm
- ❖ **When** PD days (see dates under *Professional Development '98*):
Excursions: Tuesdays and Wednesdays in Terms 2, 3 and Term 4 (to 11th November)



2. Catchment Carers Trail for Years 5, 6 and 7

A learning program about the water cycle, catchments and water resource management run jointly by CALM and the Water Corporation.

What teachers had to say about the program:

Another wonderful excursion in the forest—my third. Like a good bottle of wine they get better year by year!—Sharon

An extremely well organised excursion; the best I've been involved in.—Jean

What's involved

- ❖ **Teacher and Student Resource Notes**
A booklet of notes will be forwarded to teachers who book the trail excursion. A PD day is recommended.
- ❖ **Pre-visit and post-visit activities at school**
Teachers may use the Notes to prepare students for the excursion and follow-up afterwards.
- ❖ **Students' excursion**
A one-day field trip which includes:
An interactive walk trail, focusing on issues such as salinity, erosion, nature conservation and the water cycle.
A tour of the Mundaring Weir, its history and use as part of an integrated water system.
A visit to the C.Y. O'Connor Museum.
- ❖ **Student numbers**
Minimum: 1 class of 25 students or two classes of 50 students
- ❖ **Cost**
Excursion: \$4.00 per student (includes entry to C.Y. O'Connor Museum)
- ❖ **Time**
9.45 am to 2.00 pm
- ❖ **When**
Mondays, Wednesdays, Thursdays and Fridays from 30th March (Term 1) to 30th October (Term 4).
- ❖ **Bookings**
Phone or fax the C.Y. O'Connor Museum (08) 9295 2455 weekdays (except Tuesdays) 10.30 am to 3.00 pm



3. Threatened Species Program for Years 5, 6 and 7

A program raising student awareness of Western Australia's threatened species and current CALM projects aimed at preventing further extinctions.

What teachers had to say about the program:

I couldn't put a price on the value of the camp. The experience of setting and checking traps and touching the animals will stay with the students for a long, long time.—Lesley

The Action Pack and camp combined provided an experience of a lifetime for all of us— parents included. Thanks.—Jenny

What's involved?

❖ Western Shield Action Pack

For use in school. The pack contains teacher notes, resource sheets and activity sheets for classroom work, and suggestions for extension activities that link with the curriculum.

Classes that complete the activities can enter a draw to win a 'Night Out with the Woylies' or a set of Bush Books.

Action Packs were sent to all primary schools in 1996. Packs are available free from CALM: phone (08) 9334 0437. The Action Pack is also available in the 'For Schools' section of CALM's NatureBase internet site at <http://www.calm.wa.gov.au>

'Night Out with the Woylies'

The winners of a 'Night Out with the Woylies' will camp at The Hills Forest Activity Centre. They will set and check traps, visit the viewing hide deep in the jarrah forest and meet some threatened species.

❖ Student numbers

One class of students

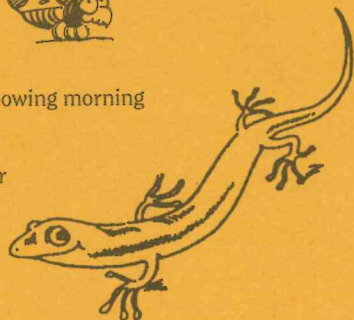


❖ Time for camps

4.00 pm to 9.30 am following morning

❖ When

November or December



4. Forest Walks and Activities

Year-round excursion activities to suit your needs focusing on the forest environment, plants, birds, spiders, reptiles and invertebrates and led by experts in each of the fields.

What's involved?

Teachers choose one or more of the activities listed below to make up an excursion day or to enrich a school camp.

❖ Cold Blooded (Years 4 to 7)

A chance to look for reptiles in the wild and then to touch a real live skink, snake or dragon lizard back at the Centre.

Duration: 2 hours

Cost: \$3.00 per student

Minimum: 25 students

Maximum: 1 class

❖ The Eagle has Landed or The Wisdom of Owls (Years 1 to 7)

Meet the magnificent birds of prey from the Raptor Retreat Rehabilitation Centre. Learn about raptors' rites, their behaviour patterns and the unique rehabilitation techniques used to release these birds back into the wild.

Duration: 1 hour

Cost: \$4.00 per student

Minimum: 50 students (2 classes)

❖ Meeting Marsupials (Years 1 to 7)

Meet some forest marsupials and find out how injured animals are rehabilitated by wildlife carers.

Duration: 1 hour

Cost: \$3.00 per student

Minimum: 25 students

Maximum: 1 class

❖ Papermaking (Years 4 to 7)

Learn to make recycled paper using natural bush products. It's a hands-on activity that's fun and environmentally friendly.

Duration: 2 hours

Cost: \$4.00 per student

Minimum: 25 students

Maximum: 1 class

❖ Bush Pastels (Years 4 to 7)

Draw out your students' creativity through the colours and shapes of the forest, under the guidance of a local artist. All materials are supplied.

Duration: 1.5 hours

Cost: \$3.50 per student

Minimum: 25 students

Maximum: 1 class

❖ **Nightlife (Years 3 to 7)**

Bring your torches, walk through the forest under the stars and discover its nightlife. Make this part of your camp at the new Hills Forest camp ground.

Duration: 1.5 hours
Cost: \$3.00 per student
Minimum: 25 students
Maximum: 1 class

❖ **Microworld (Years 1 to 4)**

A hands-on experience looking for signs of the bustling underworld of our jarrah forest; students see and learn about the lives of beetles, bugs, spiders ants, scorpions, earwigs, mantises and many more.

Duration: 2 hours
Cost: \$3.00 per student
Minimum: 25 students
Maximum: 1 class

❖ **Incy Wincy Spider (Years 1 to 4)**

Learn to value our amazing arachnids by taking a safe journey to see wolf, trapdoor, orb and leaf-curling spiders.

Duration: 2 hours
Cost: \$3.00 per student
Minimum: 25 students
Maximum: 1 class

❖ **Find the Forest Frogs (Years 4 to 7)**

Under the guidance of local experts learn where to find our forest amphibians. This is an early evening activity that will enhance your school camp.

Duration: 2 hours
Cost: \$3.00 per student
Minimum: 25 students
Maximum: 1 class
When: 4.00 pm to 6.00 pm, Term 3 only



❖ **Sense-ational Trail (Years 1 to 7)**

Explore the forest along our new rope walk using your sense of smell, touch and hearing. Blindfolds are not compulsory.

Duration: 1 hour
Cost: \$2.00 per student
Minimum: 25 students
Maximum: 1 class
When: Terms 1 and 4



5. Busy in the forest for Early Childhood, K to Year 3

A forest excursion that links with CALM's new Early Childhood Forest Pack for the classroom. Includes a sensory trail and an opportunity for students to meet some furry forest creatures.

What a teacher had to say about the program:

This was an outstanding excursion for my young students. The pace was just right with a mixture of mystery, fun and exploration. We'll be booking again next year!—Mary

The Forest Pack and the excursion are an invaluable resource for Early Childhood. Congratulations, CALM, for yet another educational success. —Donna

What's involved:

❖ **Teacher PD day in the forest**

Attendance at a PD day is not compulsory, but it is advisable. It provides an overview of the day and a chance to experience some of the activities.

❖ **Pre-visit and post-visit activities at school**

Teachers prepare students for the excursion and follow-up afterwards using CALM's new Forest Pack, 'A forest is a very busy place'.

❖ **Students' excursion**

Activities include a sensory, blindfold rope-walk trail, a 'treasure' trail and an animal encounter session.

❖ **Student numbers**

Minimum: 25 students
Maximum: 1 class

❖ **Cost**

PD day: \$35.00 per teacher (includes lunch and forest pack)
Excursion: \$5.00 per student (whole-day), \$4.00 per student (half-day)
Forest Packs: \$10.00 each, if not attending PD day (To order phone (08) 9334 0437).

❖ **Time**

10.00 am to 2.00 pm (whole-day option)
9.30 am to 12.30 pm (half-day)

❖ **When**

PD days (see dates under Professional Development '98)
Excursions: Weekdays except Tuesdays. Terms 2 and 3

6. Aboriginal Culture Excursions (ACE) for Years 4 to 7

Sponsored by Healthway

Join leaders from CALM's Aboriginal Tourism, Education and Training Unit to explore traditional Aboriginal culture in the jarrah forest. Excursion content links with the Education Department's Aboriginal Studies materials.

What a teacher had to say about the program:

This was an excellent excursion enjoyed by all, empowering students with a great understanding of Aboriginal traditions and bush life.—Tania

I would love more of our students to have this very positive experience.—Brett

What's involved

- ❖ **Teacher PD day in the forest**
Attendance at a PD day is not compulsory but it is advisable.
- ❖ **Pre-visit and post-visit activities at school**
Teachers prepare students for the excursion and follow-up afterwards using the Education Department's Aboriginal Studies materials.
- ❖ **Students' excursion**
Activities include a forest walk exploring traditional use of plants and animals, stories of The Dreaming, language and artefact making; all with an emphasis on student participation.
- ❖ **Student numbers**
Minimum: 25 students
Maximum: 1 class
- ❖ **Cost**
PD day: \$35.00 per teacher (lunch included)
Excursion: \$5.00 per student
(Healthway contributes up to \$150 per excursion for bus costs).
- ❖ **Time**
10.00 am to 2.00 pm
- ❖ **When**
PD days (see dates under *Professional Development '98*)
Excursions: Wednesdays



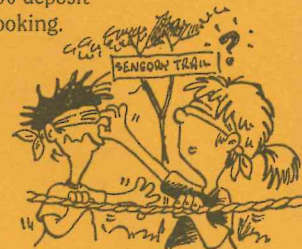
7. School Camps in the Forest

Camp under canvas at The Hills Forest Activity Centre or Patens Brook camp sites. Alternatively, stay at the Mundaring Youth Hostel and participate in a number of our educational programs.

What a teacher had to say about her Year 6 camp:

The variety of hands-on activities led by such capable CALM staff at the Centre, the setting and the facilities made this a very special camp for students, teachers and helping parents. Thank you.—Sharon

- ❖ **The Hills Forest Activity Centre camp ground**
Suitable for disabled people
Facilities: 12 shady tent sites, camp kitchen including electric BBQs, hot showers and toilets.
Capacity: one class with adults
Cost: Groups doing *Exploring The Hills Forest* activities:
\$4.00 per student per night (age 4 to 15 years)
\$8.00 per adult per night (1 free adult for each group of 10 children)
Groups not doing *Exploring The Hills Forest* activities:
\$6.00 per student per night
\$8.00 per adult per night
- ❖ **Patens Brook camp site**
No vehicle access. Meet the challenge and walk three kilometres to the secluded camp site carrying all camping gear.
Facilities: Shady camp sites (15 pads), water tank and toilets, 3 fire rings.
Capacity: one large class
Cost: \$3.00 per person per night.
- ❖ **Mundaring Youth Hostel**
Overlooking the Helena River valley. Enjoy the comfort and tranquility of the hostel, just over one kilometre from The Hills Forest Activity Centre.
Facilities: 36 beds. Capacity for 50, extra mattresses available. Cooking facilities or have your meals prepared for you.
Cost: \$8.00 per student per night, \$17.00 per adult per night (one free adult per group). \$50.00 deposit is required when making your booking.



Professional Development '98

The Hills Forest PD days are a good way for teachers to familiarise themselves with the range of CALM educational resources and opportunities offered at The Hills Forest Activity Centre. They help teachers make the most of their visit to the forest.

What teachers had to say about the PD:

The content was relevant across the board, K to 7. Thanks for an excellent day.—David (Principal)

One day wasn't long enough. Can't wait to get started on the program with my students.—Anna

I'll recommend it to all my colleagues.—Peta

NOTE: Discovering The Hills Forest for Years 6 and 7 is offered only to those teachers who have attended a PD day. However, a PD day is advisable for other programs, particularly 'Busy in the forest'.

It provides:

- ❖ An overview of excursion opportunities
- ❖ Experience of some excursion activities for students
- ❖ A review of CALM educational packages and resources
- ❖ A tour of the jarrah forest and discussion of forest management with a CALM officer
- ❖ Lunch

Dates for Exploring The Hills Forest PD

Term 1: Saturday 7th March
Saturday 4th April

Term 2: Wednesday 29th April
Saturday 16th May

Dates for Aboriginal Culture Excursions PD

Term 1: Saturday 28th March

Term 2: Saturday 13th June

Cost

\$35.00 per teacher (includes lunch and relevant resources)

Time

9.30 am to 3.30 pm

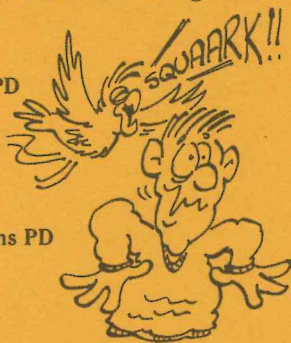
Whole school staff PD

This is available to schools on request. The Centre provides a pleasant environment away from school, where teachers can get to know their colleagues. The day will enrich their teaching programs.

Cost

\$30.00 per teacher, minimum of 20 teachers, support staff and interested parents.

Enquire early as School Development and Planning Days are soon booked out.



Programs at a glance

Years 5, 6 and 7

Terms 1, 2, 3 and 4

Discovering The Hills Forest to 11th November
Threatened Species program (at school)
Cold Blooded
The Eagle has Landed
The Wisdom of Owls
Papermaking
Meeting Marsupials
Aboriginal Culture Excursions
Bush Pastels
Nightlife

30th March (Term 1) to

30th October (Term 4)

Catchment Carers' Trail

Term 3 only

Find the Forest Frogs

Term 1 and 4 only

Sense-ational Trail

Year 4

Terms 1, 2, 3 and 4

Cold Blooded
The Eagle has Landed
The Wisdom of Owls
Papermaking
Meeting Marsupials
Aboriginal Culture Excursions
Bush Pastels
Nightlife
Microworld
Incy Wincy Spider

Term 3 only

Find the Forest Frogs

Terms 1 and 4 only

Sense-ational Trail

Early Childhood K-3

Terms 1, 2, 3 and 4

Incy Wincy Spider
Microworld
Nightlife
Cold Blooded
The Eagle has Landed
The Wisdom of Owls

Terms 2 and 3

Busy in the Forest

Terms 1 and 4

Sense-ational Trail

Professional Development

Exploring the Hills Forest

Term 1: Saturday 7th March,
Saturday 4th April

Term 2: Wednesday 29th April,
Saturday 16th May

Aboriginal Cultural Excursions

Term 1: Saturday 28th March

Term 2: Saturday 13th June

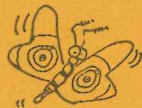
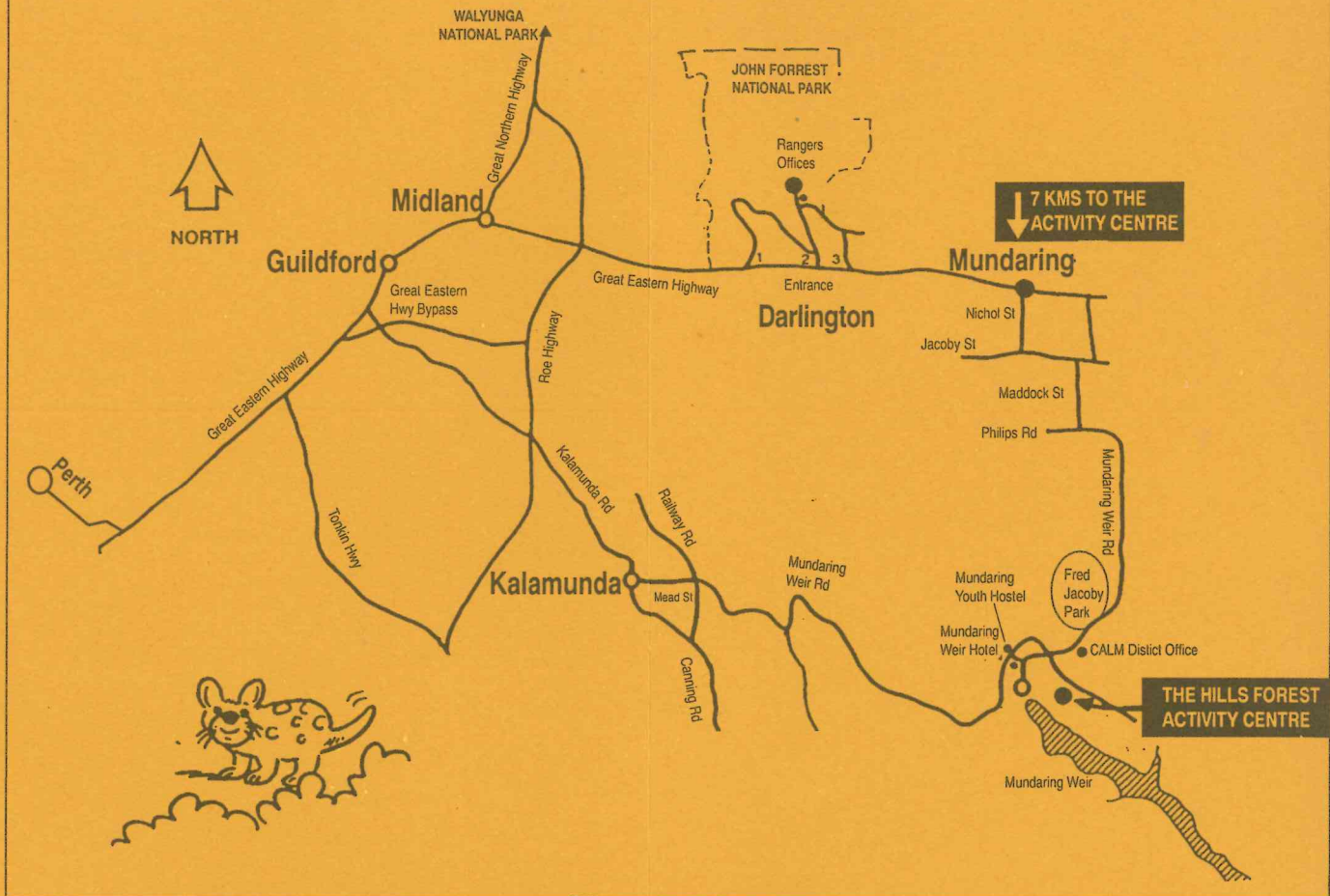
Camping

Terms 1, 2, 3 and 4

The Hills Forest Activity Centre camp ground
Patens Brook camp site
Mundaring Youth Hostel



The way to the Hills Forest Activity Centre



About CALM

The Department of Conservation and Land Management (CALM) has the task of conserving Western Australia's unique natural heritage for present and future generations.

On behalf of the people of Western Australia, CALM manages a significant portion of the State, including our national parks, State forests, nature reserves, marine parks and timber reserves. It is a large task and one that requires the awareness, understanding and involvement of the wider community.

❖ The Hills Forest project

CALM initiated The Hills Forest project to raise awareness and appreciation of the values and management of our forests. It offers visitors of all ages a range of outdoor experiences in the forest environment of Mundaring.

❖ 'Exploring The Hills Forest' programs

These programs have been developed for school students as part of The Hills Forest project. They have been written by local educators for local students. Since 1992 over 17,000 students have been through our programs and the demand is growing.

Many teachers echo the comments of this teacher: *I am very grateful for your programs—they have given me so many useful resources and vitalised my teaching.*—Sheryl

With the opening of the new camp ground at The Hills Forest Activity Centre some schools are opting to stay for more than one day and participate in a number of our activities.

We can offer something more for every year level. The programs support the 'Outcomes' approach to the Primary Curriculum Learning Areas: Science, Society and Environment, The Arts, English, Mathematics and Health & Physical Education. Each program includes an excursion to The Hills Forest Activity Centre, which is guaranteed to be interactive, informative and exciting.



Bookings and Enquiries

❖ First book by phone

Phone The Hills Forest Activity Centre weekdays from 8.30 am to 4.00 pm on (08) 9295 6149 or fax on (08) 9295 3247.

NOTE: For Catchment Carers' Trail bookings phone or fax the C.Y. O'Connor Museum (08) 9295 2455.

Confirm your booking Return the registration form (below) to:
'Exploring The Hills Forest' Programs
CALM, The Hills Forest
Mundaring Weir Road
MUNDARING WA 6073

Make your payment

Payment must be made with your registration. Please make cheques payable to: *Exploring The Hills Forest Program.*

The excursion fee for small classes (less than 25) is negotiable.

Details of your PD, excursion or activity will be forwarded to you on receipt of your registration.

Registration Form - Exploring The Hills Forest

Teacher's name: _____

School: _____

Address: _____

Contact: (phone) _____ (fax) _____

Year: _____ No. of students (min of 25 per class) _____

Professional Development day (preferred date): _____

Activity/Program Name: _____

Date booked: _____

Total Cost: \$ _____

Cheque enclosed (tick)

Teachers can find out about all CALM's educational programs in the 'For Schools' section of the *NatureBase* internet site at <http://www.calm.wa.gov.au>