

Sensing the Rainforest Stage 1

Iluka Nature Reserve

Location description and highlights

Iluka Nature Reserve is located on the north coast within walking distance of Iluka and adjoins Bundjalung National Park. Its rare littoral rainforests are of global significance and form part of the Gondwana Rainforests of Australia World Heritage Area whose ancient natural heritage offers a treasure trove of rich learning and exploration. Iluka Nature Reserve is accessed via an easy grade short walking track which takes us through the best of the rainforest.

About this program

Ranger-guided activities encourage students to experience the rainforest environment through sensory exploration. The program brings to life the wonders of Iluka Nature Reserve through interactive activities, which are fun and engaging for students and adults alike!

Objectives

Students will:

- visit a rich natural environment
- experience the the World Heritage rainforests of Iluka Nature Reserve
- engage with the environment using all their senses
- practice care and trust in team activities

Program outline

- If required, there are public toilets in Spenser St, Iluka.
- Group meets at entrance to Iluka Nature Reserve, Long Street, Iluka.
- Easy grade walk through rainforest, with frequent stops for ranger-guided activities.
- Return to start and farewell by Discovery Rangers at Long St, Iluka.

Links to support material for schools

About Iluka Nature Reserve

- <http://www.nationalparks.nsw.gov.au/iluka-nature-reserve>

Resource package -

- Booklet: Under the Canopy
- Fact sheet: Littoral rainforest: Iluka Nature Reserve
- Fact sheet: Why is rainforest important?
- Worksheet: Sun and shade in rainforest
- Worksheet: Rainforest food chains
- Worksheet: Littoral rainforest worksheets Stages 1, 2, 3
- Student project model - Cut out RF model

Rainforest Teachers Kit

- <http://www.environment.nsw.gov.au/edresources/TeachersKitRainforests.htm>

Additional references

Littoral rainforest and its threats

- <http://www.bigvolcano.com.au/info/intro.htm>
- <http://www.threatenedspecies.environment.nsw.gov.au/tsprofile/profile.aspx?id=10867>
- <http://www.environment.gov.au/epbc/publications/pubs/littoral-rainforest.pdf>
- <http://www.environment.nsw.gov.au/threatenedspeciesapp/profile.aspx?id=10867>

Rainforest general

- <http://www.rbg Syd.nsw.gov.au/education/Resources/rainforests>
- <http://www.wilderquest.nsw.gov.au>
- <https://itunes.apple.com/au/app/wilderquest-nature-discovery/id512907623?mt=8>

World Heritage

- <http://www.environment.nsw.gov.au/edresources/TeachersKitRainforests.htm>

Activity outline

Levels:

Stage 1

Key learning areas:

HSIE

Key outcomes:

A student:

- ENS1.5 - Compares and contrasts natural and built features in their local area and the ways in which people interact with these features.
- ENS1.6 - Demonstrates an understanding of the relationship between environments and people.

Location:

Iluka Nature Reserve

Length:

One and a half hours

Time of Day:

Either morning or afternoon

Design technique:

- Students encouraged to investigate and use all their senses
- Students engage in a range of fun activities and quiet reflection

Equipment used:

Colour sample cards, slide frames, blind-folds, mirrors, spy tubes

Teacher resources:

Rainforest Teacher Kit available on <http://www.environment.nsw.gov.au/edresources/TeachersKitRainforests.htm>

Student resources:

Classroom model - "Build a Rainforest"
<http://www.environment.nsw.gov.au/resources/education/BuildARainforestA4.pdf>
<http://www.environment.nsw.gov.au/resources/education/BuildARainforestA3.pdf>

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Location map

Meet at Long St carpark, south end of Iluka Nature Reserve

Turn off the Pacific Highway on the Iluka Road, 38km south of Woodburn, or 10 north of the Clarence Bridge (near Maclean). At Iluka (17km from highway) turn left into Spencer St, left into Denne St and right into Long St. Carpark is adjacent to Iluka Nature Reserve entrance in Long Street.



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Level of difficulty

Easy

The track is suitable for wheelchairs

What to bring and wear

Raincoats, hats, walking shoes, water

Insect repellent, sunscreen

First Aid kit, including treatment for leeches and ticks

Park facilities

Toilets and picnic tables at Spenser Street Iluka, or at Woody Head campground

Unsealed level walking tracks

Supervision

Discovery Rangers will guide and encourage students as they carry out their field studies. It is the responsibility of the school to provide sufficient numbers of adult supervisors as required by the NSW Department of Education and Training. Students should be accompanied by their class teacher, who will be expected to assist in keeping the students on focus.

Student behaviour

For their own safety, students should be instructed to stay with the group at all times. They must not jump or climb on either the vegetation or any structures in the park. Students must follow the instructions of the National Parks *Discovery* Rangers at all times.

Excursion planner



Iluka rainforest walk

National Park code of behaviour

- All features in the park are protected and nothing may be damaged or removed
- Stay on the walking tracks
- Light fires only in the fireplaces provided
- No pets are allowed
- Respect the rights of others and keep noise to a minimum
- Please take all litter home



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Safety information

This document provides background information to assist teachers in their risk management planning for excursions. Please make your own risk assessment based on the information provided. Information is current as at September 2014. Contact the Discovery Coordinator if more information is required.

Activity: Discovery Ranger guided activities at Iluka Nature Reserve rainforest walk.

Potential risks	Suggested control strategies
<ul style="list-style-type: none"> . Allergic reactions to plants and animal bites. . Snakes and ticks, reptiles and leeches. . Biting insects such as bees, wasps and mosquitoes. . Pre-existing medial conditions. . Interactions with other visitors. . Students lost or separated from group. . Variations in track surfaces (trip hazards and overhanging branches) 	<ul style="list-style-type: none"> . Students to wear suitable walking shoes (no thongs or sandals) and long sleeves/pants. . Discovery Rangers to provide safety talk identifying hazards and emphasising care and respect for each other and the public. . First aid kits to be carried by group leaders. . Ensure students are closely supervised by teachers/carers, walk in an orderly manner (no running), remain on the track and keep together as as a group at all times. . Hazards on track to be identified to whole group when encountered. . Discovery Rangers to brief teachers/carers on route and procedure for waiting at all track intersections. . Students susceptible to asthma to carry personal ventolin inhaler. . Students at risk of anaphylactic shock to have access to own EpiPen according to individual health plan. . High risk students to be identified and monitored by teachers/carers. . Advise participants to check for ticks and leeches during and after rainforest activities.
<ul style="list-style-type: none"> . Severe weather conditions. Strong winds and storms causing falling vegetation, hail or lightning strikes. . Exposure to sun, rain or cold conditions. . Atmospheric conditions such as dust or smoke. . Risk of bushfires in the area. 	<ul style="list-style-type: none"> . Head teacher to contact Area Office for advice if severe weather or very fire danger is predicted. . Students should bring warm clothes and raincoats (no umbrellas) or sun hats and long sleeves/pants depending on forecast. . Postpone or shorten excursion if severe weather warning issued and high likelihood of storm impact in local area. . Postpone excursion in periods of very high dust or smoke pollution. . Postpone excursion in periods of very high to catastrophic fire danger.

Safety information

Location:

Iluka Nature Reserve rainforest walk.
Access via Long Street off Iluka Road,
Iluka NSW 2466

Staff Accreditation:

All Discovery Rangers have current Senior First Aid accreditation and carry first aid kits.
All Discovery Rangers have been screened for child-related employment and have completed a Prohibited Employment Declaration

Access:

Suitable for all age groups and fitness levels. Wheelchair access to Iluka Rainforest Walk and Woody Head camping area only.

Emergencies:

Staff are trained to deal with emergency situations and emergency procedures are in place.

The emergency evacuation area is located in the open space on Long street near the entrance to Iluka Nature Reserve.

Discovery Rangers have been instructed to call an ambulance whenever there is any doubt as to the continued well-being of a student or other visitor.
Ongoing supervision of students following first aid treatment will be the responsibility of the visiting school.

Contact details:

Education Program
National Parks Discovery for schools
Discovery Coordinator
Dorrigo Rainforest Centre
Dorrigo NSW 2453
Ph: (02) 6657 2309
Mob: 0428 247 297
Fax: (02) 6657 2145
email: North.CoastRegionDiscovery@environment.nsw.gov.au

Site Management

NPWS North Coast Region
Clarence North Area
Level 3, 49 Victoria Street (PO box 361)
Grafton NSW 2460
Ph: (02) 6641 1500
Fax: (02) 6643 5569

**In an emergency call 000
NPWS after hours duty
officer 02 6642 3620**