

Rumbalara

Environmental Education Centre

Donnison Street, Gosford NSW 2250 Phone: (02)43247200 Fax: (02)43237451
Email: rumbalara-e.school@det.nsw.edu.au Web: www.rumbalara-e.schools.nsw.edu.au

Environmental Education News for Central Coast Teachers

Term 1 Week 11 2014

For distribution by the Environmental Education Contact

*Our email newsletters support environmental education in Central Coast schools by providing succinct information about environmental happenings, resources, events, grants etc. Your contributions are welcome. If you are receiving this newsletter as a paper copy **please consider providing us with your email so that we can send it directly (usually 2 per term).***

Latest News

Release of IPCC Report on Climate Change

YOKOHAMA, Japan, 31 March – The Intergovernmental Panel on Climate Change (IPCC) issued a report that says the effects of climate change are already occurring on all continents and across the oceans. The world, in many cases, is ill-prepared for risks from a changing climate. The report also concludes that there are opportunities to respond to such risks, though the risks will be difficult to manage with high levels of warming.

The report, titled *Climate Change 2014: Impacts, Adaptation, and Vulnerability*, from Working Group II of the IPCC, details the impacts of climate change to date, the future risks from a changing climate, and the opportunities for effective action to reduce risks. A total of 309 coordinating lead authors, lead authors, and review editors, drawn from 70 countries, were selected to produce the report. They enlisted the help of 436 contributing authors, and a total of 1,729 expert and government reviewers.

The Working Group II contribution to the IPCC Fifth Assessment Report (WGII AR5) is available at www.ipcc-wg2.gov/AR5 and www.ipcc.ch

International Court of Justice rules in favour of the whales

1 April, 2014 - The International Court of Justice has upheld Australia's bid to ban Japan's Antarctic whaling program. ICJ president Peter Tomka said the court concluded the scientific permits granted by Japan for its whaling program were not scientific research as defined under International Whaling Commission rules.

Read more: <http://www.smh.com.au/federal-politics/political-news/international-court-of-justice-upholds-australias-bid-to-ban-japanese-whaling-in-antarctica-20140331-35ude.html#ixzz2xgTSANTD>

Events & Actions

Gosford Council - Coastal Management Information Workshop

Gosford City Council will be holding two information sessions at the Terrigal Surf Life Saving Club on **Wednesday 9 April** for people interested in learning more about the Gosford City coastline and how it's managed. The sessions form the initial phase in reviewing existing management plans to incorporate future coastal risks and will include an overview of coastal management issues for the beaches between Forresters Beach and Patonga. Following the session, staff will be available to discuss coastal management with attendees.

The sessions will be held at the Terrigal Surf Life Saving Club on **Wednesday 9 April, with session one being held from 2 - 4pm and session two from 6 - 8pm**. For further information contact Gosford City Council's Senior Environment Planner, Tim Macdonald on 4304 7658 or visit:

http://www.gosford.nsw.gov.au/news_events/media/media-releases-2014/march/coastal-management-information-workshops

Future Leaders Environment Award 2014

The Future Leaders Environment Award recognises Year 12 students who have shown strong environmental leadership and initiative. Australian secondary schools are invited to nominate Year 12 students for the Award. **Prize:** In 2014, the award winners will receive a Fellowship to participate in an Earthwatch Expedition in Australia. www.earthwatch.org

Please send all nominations **by 1 July 2014** – electronically: helen@futureleaders.com.au. Future Leaders is a philanthropic initiative about leadership and our future. It seeks to involve, inform and inspire. www.futureleaders.com.au

The Sustainability Stories Video Conference Festival

TERM 3 - Week 6 and 7 - 18th – 29th AUGUST

The aim of the festival is to showcase a range of amazing environmental and sustainability education lessons, activities and projects. The festival has two main components: teacher professional learning and student learning sessions. These sessions are either teacher or student-led with a focus on environmental and sustainability education. Sessions run for around 30 minutes including question time. Your school is invited to submit an expression of interest for presenting in the 2014 festival via your connected classrooms video conferencing technology.

Presenter EOIs are due by the end of Week 1 of Term 2, Friday 2nd May 2014. Go to https://docs.google.com/forms/d/1yTN-qjyYOJ532nyGoDzO_F0Qlu7DtMI5h4Y0CoW9rws/viewform or find the link on the latest Schoolbiz.

Promotion, publication and bookings for the Festival will begin late Term 2 2014. Professional learning on use of connected classrooms and development of video conference sessions will be offered Term 2.

Student Organics Recycling Training

PURPOSE: to increase successful organics recycling at schools.

OUTCOMES: students will understand the principles of composting, different compost systems for different situations and basic worm farm requirements. ADVANCED: students solve problems with compost systems and worm farms, understand the soil food web, make compost tea and a worm tower.

Mondays 12 noon to 2pm Term 2: 19 May & 16 June Cost: \$10/student

Classes held at Kariong ECO Garden Dandaloo St Kariong

Enquiries: Lisa Wriley 0429 431 889

Bookings: Community Environment Network 43 494756 keg@cen.org.au

Classes can accommodate 5 schools with 4 students from each school.

Professional Learning

AAEE 2014 National Conference: 2-4 November

Registration for the 2014 Australian Association for Environmental Education Conference to be held in Hobart, Tasmania is now open! Guest Speakers: David W. Orr a well-known environmentalist and author and is active in many areas of environmental studies, including environmental education and environmental design. **Paul Gilding** author of *The Great Disruption* and as a keynote speaker on the theme of "Sustainability: Smart Strategies for the 21C."

Early Bird Registration Closes 10 August 2014. For further information, please visit the Conference website www.aaee2014.com.au

Bungaree at Sea

Bungaree, was an Aboriginal elder from the Central Coast. Join historian and curator Keith Vincent Smith for a fascinating talk about Bungaree's life, his circumnavigation of Australia with Matthew Flinders and other voyages. The backdrop for the talk is the exhibition *Gamaragal: Aboriginal People of Manly and Northern Sydney* which captures the world of the Indigenous fisher-hunter people of the Manly (Kayeemy) area through vivid portraits, paintings and rarely seen artifacts.

Date: Sunday, 13 April

Time: 3-4:30pm

Cost: \$5 includes afternoon tea

Venue: Manly Art Gallery & Museum, West Esplanade, Manly

Bookings essential 9976 1421

Grants

Eco Schools and Food Gardens grants now open

NSW Environmental Trust grants provide funds for schools to improve their environment, engage with their communities, and offer hands-on environmental learning opportunities for students.

Funding is available for projects, such as:

- water and energy conservation
- waste avoidance and reuse
- outdoor learning areas
- bush regeneration and habitat improvement
- bush tucker, sensory and food gardens

For 2014, there is additional funding for [Food Gardens in Schools](#) projects working with children with special needs. **To make a start** - Read the [Eco Schools](#) and [Food Gardens in Schools](#) Program Guidelines.

Applications close 5pm Friday 16 May 2014

Contact the Trust by calling (02) 8837 6093 or email info@environmentaltrust.nsw.gov.au

Eco-grants for teachers open at Teachers Mutual Bank

The Teachers Environment Fund is now open for Term 1 offering grants of up to \$2,000 each to help schools, TAFEs and CITs make their environment projects a reality. Making learning fun and engaging will encourage students to learn about their environment and will help contribute to a sustainable future for all of us. **Round 1 opens Monday, 3 February 2014 and closes Friday, 11 April 2014.**

Small grants available from Rumbalara EEC for Case Studies

Rumbalara is extending its small grants (up to \$500 to assist our local schools with environmental initiatives) to encourage teachers to share **the wonderful environmental education in your school**. The funding can now be used to document your successes and provide information and support for other teachers to follow your lead.

The case study needs to be in a form that we are able to load on to our website and share with other schools / teachers - for example, movie, report and photos etc. The Case Study would need to be completed within a school Term.

Funding requests should be – emailed as Expression of Interest to Mark Attwooll, Principal - mark.attwooll@det.nsw.edu.au. Your EOI needs to be approved by your School Principal.

Resources

My Treasure

Helping young people build a connection and meaning to a place is a foundation for sustainability. This integrated unit engages primary students in an exploration of place through creating artworks and writing artists statements. (ES1 – st 3)

http://www.curriculumsupport.education.nsw.gov.au/env_ed/assets/pdf/my_treasure.pdf

Central Coast Environmental Education Network – Facebook

A new Facebook page has been set up for environmental educators on the Central Coast – both formal education and informal education (eg. community initiatives). The Facebook page is in its early stages – but please Like the Facebook page to become part of this network. The CCEEN Facebook page is a space where

anybody interested in environmental education on the Central Coast can share ideas, resources, events and information. <https://www.facebook.com/pages/Central-Coast-Environmental-Education-Network/1377558109150345?ref=hl>

Community Events

Ecoburbia Festival, Narara

Saturday 26 April: 10am-4pm: Narara Valley High School: sustainable living festival featuring talks, workshops, market stalls, music, kids activities, art installations, bushtucker and more. See <http://neln.org.au/ecoburbia/> or <https://www.facebook.com/Ecoburbia>.

4 Seasons for Art & Film

Sat 24 May 5-8pm, **Sat 26 July** 5-8pm. A family friendly event for all ages.
Buy affordable yummy food or bring a picnic.

REGULARS INCLUDE: * The Central Coast Conservatorium Strings Ensemble playing Vivaldi's 'Four Seasons'; * Family friendly episodes of "dirtgirlworld" as seen on ABC TV; * Environmental Documentaries; Storytelling, Community Art and more. * Youth space in the Arts Barn. * Celebrating and enhancing the community of Kariong.

Dandaloo St Kariong (cnr Woy Woy Rd) **Kariong Eco Garden** www.kariongecogarden.org.au
kariongecogarden@gmail.com 0417 68 66 94 leave message

Convict Footprints

Immerse yourself in living history. Live theatre on the World Heritage Listed Old Great North Road in beautiful Dharug National Park

5th, 6th, 12th and 13th April 2014. Performances at 11am and 4pm

All tickets \$50

www.events.ticketbooth.com.au or facebook.com/ConvictFootprints

NatureWatch diary

Autumn flowerings include:

Sunshine Wattle *Acacia terminalis*,

Red bloodwood *Corymbia gummifera*

Bangalay *Eucalyptus botryoides*

Swamp Mahogany *Eucalyptus robusta*

Crocea saligna - a small shrub with pink flowers often confused with Wax Flowers *Eriostemon australasius*

Banksia (*B. ericifolia*, *B. oblongifolia*, *B. spinulosa*)

The flowering gumtrees attract the Endangered Regent Honeyeaters and Swift Parrots to the coast.

Grey headed flying fox also feeding on the flowering gumtrees.

White-breasted Sea Eagles commence courting and nest building

Tiger Quolls mating

Sea Mullet are schooling on the beaches

Australasian Gannets soaring over the waves

Green Dates

12-20 April	Australian Heritage Week 2014	Your heritage... pass it on
18 April	World Heritage Day	
22 April	Earth Day	
5-11 May	International Composting Awareness Week	"Better Soil, Better Life, Better Future"
11 May	World Migratory Bird Day	
22 May	International Day For Biological Diversity	Water and biodiversity
23 May	Walk Safely to School Day	
5 June	World Environment Day	
8 June	World Oceans Day	
15 June	Global Wind Day	
17 June	World Day To Combat Desertification & Drought	

***TO UNSUBSCRIBE TO THIS NEWSLETTER PLEASE CLICK REPLY,
TYPE 'UNSUBSCRIBE' IN THE SUBJECT LINE AND SEND BACK TO
RUMBALARA EEC- THANK YOU**