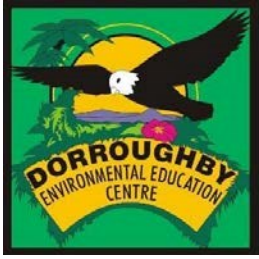


Dorroughby Environmental Education Centre



NSW Department of Education

2101 Dunoon Rd,

DORROUGHBY NSW 2480

Phone 02 6689 5286

Mobile: 0418 211 972

Email: dorroughby-e.school@det.nsw.edu.au

Website: www.dorroughby-e.schools@det.nsw.edu.au

DORROUGHBY EEC TERM 1 2019

Please distribute this newsletter to all teachers interested in Sustainability Education.



GENERAL NEWS

Jingelah Bloggerman! Hello Colleagues and Happy New Year!

DEEC has had a busy start to the year with Tamlin, Cindy and one of our amazing casuals, Sue, attending the Annual Environmental and Zoo Education Centre (EZEC) Conference. We gained quality professional learning in the areas of Aboriginal and Sustainability Education, Science and technology and Geography K-12 that we can apply to our own curriculum based programs. We also ran a 'What to do with marine debris' workshop demonstrating a Visual Art activity we developed at DEEC which highlights the plight of marine organisms against plastics in the oceans. Below is a picture of the smoking ceremony we took part in at the conference.



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Our new yarning circle:

Our new yarning circle is now complete with signage. The yarning circle can be used as part of our Aboriginal Education content programs or on its own if as a place of respect and discussion. When Indigenous peoples would travel in the past to take part in ceremony often **'each participating tribe ...supplied a stone to mark its involvement'***. Schools making use of our yarning circle in programs are asked to bring a stone from their area when they visit which we paint up and leave at our site.



*Publication *Minjunbal*, North Coast Institute for Aboriginal Community Education, page 47



Green Innovation Awards

This year's Green Innovation Awards are going ahead so if you have a passionate Environmentalist on your staff please pass this link on... www.greeninnovationawards.com.au

The Green Innovation Awards team have a strong commitment to providing students with an unforgettable learning experience. This year they have some special additions to make it an even richer learning experience for your students. Namely:

- The ABC have recently signed a partnership agreement with the Green Innovation Awards and will follow the story of the Green Innovation Awards this year. It also means that students involved in the awards program will be given the opportunity to be interviewed on live radio.
- New Sponsors Sunshine Sugar and Primex
- Our new Ambassador: 12 year old Sharlise Leesfield travels around the country teaching primary school children about the need to care for our environment. Sharlise will be speaking to finalists on the finals day of the Green Innovation Awards. She is a shining example of a young person who can make a big difference!
- Distinguished Guests: This year we are again expecting a number of distinguished guests at the finals event including Mayors, Members of Parliament and Industry Leaders. We would like to show students that their ideas are valuable and that we all have a part to play in looking after the environment. So we are helping to put them in front of the people who can help put their ideas into action.
- NSW Government Support: The NSW Government have approved funding for this year's Green Innovation Awards.
- **Dorroughby EEC are happy to support your students in this award**



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Professional Learning

DEEC co-facilitated an AAEE NSW Sustainability Education Workshop on Thursday 21 February.

40 participants from local councils, schools, preschool, primary and high school, community environmental groups, joined together for a day of professional learning and planning for best practice projects in Environmental Education at Lismore city councils environment education centre. The Workshop covered the following topics:

- A guide to planning your best practice Sustainability Education & Engagement project' and how to use it;
- Introduction to 'Take Me Outside'- a new nature connection program for children and adults;
- What best practice means and case studies of best practice projects from NSW;
- Meeting the needs of your target audience;
- Developing an evaluation framework for your project- Outcomes Hierarchy Framework
- The importance of collaboration and how to do it.



School Environment Management Plan (SEMP) building

This term Afterlee PS students have been engaged with DEEC SEMP building incursions. We toured around the school helping students audit their waste, water, grounds and energy consumption/production leading to the creation of an individual school SEMP.

Book one for your school, NO CHARGE!!!!

Places are open for 2019 Arts Camp

Our Gifted and Talented visual and performing Environmental Arts camp is on again June 18th - 20th 2019. This year we will build skills in digital photography, create theatre in the bush, participate in a drumming for self expression workshop and much more. Schools are to nominate **ONLY 3** stage 3 students only who are environmentally minded and artistically gifted. Places are limited and **FIRST IN FIRST SERVED** so contact DEEC to get your application in ASAP (see website or contact the centre)



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Programs we offer...

Kayak program: DEEC is happy to offer kayaking excursions in our local waterways for primary and high schools. Cost is \$20 per student but kayak numbers are limited. DEEC are happy to take small groups for an educational paddle or split a class to do on shore activities and a paddle in rotation.



Stage 5 Geography Program at Cabarita Beach and Brunswick Heads:

DEEC has collaborated with Geography teachers to create a day of activities at Cabarita Beach or at Brunswick Heads. Activities complement the new Geography syllabus and give the students a hands on day using Geographer's Tools and equipment to collect and analyse data. We have also modified this program to suit schools - and used the sites of Belongil and Wategos Beaches this term.

Senior Science: New Syllabus Senior Science Depth Studies: A day with DEEC at one of our field sites could be the jumping off point for your Senior Science Depth Studies. We use tools to measure and compare abiotic and biotic features in Dry Schlerophyll and Sub Tropical Rainforest; and can set up scientific inquiry projects at aquatic/marine sites. Ring and discuss it with DEEC teaching staff.

Bunya the school yard fairy

Dorroughby is always kept busy with mail in relation to our K-2 Need for Shelter excursion.

Students have been receiving correspondence from our newest (littlest) teaching assistant; Bunya the Schoolyard fairy. She is very excited to help students learn about what the animals at DEEC needs are with regards to shelter and to find out what the habitat is like for animals in your schools. Since we have started listening to the little people we have noticed fairy houses popping up all around DEEC.



Botanical Illustrations: DEEC offers a multistage program where students learn about plant adaptations, the big scrub rainforest and how to make a botanical illustration of the trees in your school yard. Your school may wish to use these illustrations to create a student made plant guide for your school.

Stage 4 Geography Program at Ballina Flatrock: DEEC has collaborated with Geography teachers to create a day of activities at Ballina Flatrock that complement the new Geography syllabus topic - LIVABILITY. Activities involve dissecting Ballina's services, learning about the Indigenous past of the area and using Geographer's Tools to collect data - flora and fauna transects, field sketches, coastal abiotics and mapping.

Stage 2-3 Colonial History Program: DEEC staff has a fabulous History Program for Stage 2-3. This is a day program that can stand alone or become part of a 2-3 day camp. The emphasis on the 1880s - way of life of the Cedar Getters and their family, how this changed the Bundjalung Nation's lives and the impact it had on Country. Students are taken back to a bygone era and can take part in activities



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like butter-making etc., meet a cedar-getter role play, engage in an old school house and play colonial games -an archaeological dig is also available.

Stage 5 History Programs: DEEC staff has been working to expand DEEC's repertoire of programs based on the new Australian History Curriculum. We have developed a 2 day excursion that compliments the Stage 5: History - Depth Study 5: The Globalising World - The environmental movement (1960s - present) and we are still looking for a Year 11 class to trial it with.

Bush Tucker Program: DEEC run a Bush Tucker Day Program. Students learn about Bundjalung Culture - Bush Foods and Medicines from this area. They then cook and share a meal using local ingredients. What bush tucker is fruiting in your school yard?

Highlights from Term 1:

DEEC Visits Collins Creek P.S for a Bush Tucker garden day and AAEE Environmental Education Professional Learning day



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Thanks to the students, staff and Schools for successful learning camps and to the many teachers and students who visited DEEC or our field study sites this term. Team Dorroughby.

P.S. For Environmentally minded high school...

The 2020 Zayed Sustainability Prize seeks innovative project ideas from High Schools

The Zayed Sustainability Prize invites schools and students from Australia and the Oceania region to be part of a growing community of innovators, committed to developing impactful sustainability solutions.

They are seeking schools with innovative ideas for sustainability projects to submit an entry to the internationally esteemed Zayed Sustainability Prize. Proposed projects should showcase how sustainability can improve the school and its surrounding community. Sustainability areas can be in the area of Energy, Water, Food or Health, or a combination of these. The winning high school in the East Asia / Pacific region will receive US\$100,000 to implement their program.

Apply for 2020 now!

For the empowerment of the current and future generations, applications close 30 May 2019.

Email the Zayed Sustainability Prize at oceania@zsp.ae or visit www.ZayedSustainabilityPrize.com



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