2013 Gippsland Toolbox for Environmental Change

Toolbox Forum Program
Including Map and Schedule
Thursday 24th October 2013
Gippsland Community College - Sale
55 Raymond St Sale Vic 3850
Our Plenary Session this year will begin with an 'Acknowledgement of Country' recognising the traditional owners, the Gunai Kurnai people of Gippsland.

Greening Australia Victoria’s School Programs Coordinator, Jim Mead, will briefly welcome delegates and special guests and thank our sponsors, particularly RACV.

This year’s keynote addresses will feature VAEE Educator of the Year for 2012, Jason Kimberley. Jason is CEO of Cool Australia. Jason will be followed by Gippsland teacher Hilary Rigg of Clifton Creek PS who will give a presentation about implementing sustainability initiatives from a schools' perspective.

Mr Matthew Peake, Executive Officer of Gippsland Regional Waste Management Group, will speak briefly on behalf of the Gippsland ResourceSmart AuSSI Vic Consortium.

For more information, visit: www.greeningaustralia.org.au

To find out more about Greening Australia, its programs, people and vision, visit: www.greeningaustralia.org.au
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<td>9.00 – 9.30</td>
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| 9.30 – 10.30 | Plenary Session - Keynote Speaker — Jason Kimberley, Cool Australia  
- School presentation - Hilary Rigg, Clifton Creek PS  
- Matthew Peake GRWMG                                         |
| 10.30 – 11.00 | Morning Tea / displays                                                                           |
| 11.05 – 12.05 | Workshop 1  
1.1: Royal Botanic Gardens — Carbon Futures  
1.2: Greening Australia — RACV Green Miles project  
1.3: Gippsland Regional Waste Management Group — ResourceSmart Toolbox |
| 12.10 – 12.55 | Lunch / Displays                                                                               |
| 1.00 – 2.00 | Workshop 2  
2.1: GippsTAFE — The Renewable Energy Trailer  
2.2: The Chook Chick — Keeping Chooks Happy  
2.3: Schools Water Efficiency Program — Integrating data logging technology into the classroom |
| 2.05 – 3.05 | Workshop 3  
3.1: Coal Creek C P — Sustainability: a Cross Curricular Priority  
3.2: South Gippsland Shire — Sustainability Gippsland  
3.3: RCE Gippsland — Literature and Sustainability Education |
| 3.05 – 4.00 | Conference evaluation in Main Room followed by networking & refreshments                        |
1.1 Carbon Futures
Room 3 - Primary/Secondary focus
Mick Robertson - Royal Botanic Gardens

Explore the regional partnership linking schools and students from Australia and East Timor around carbon issues. Based on the principles of environmental sustainability, universal education and poverty reduction, this program is making a real difference to student values, knowledge and behaviours in Australia, whilst materially improving the lives of subsistence farming communities in Timor Leste. We will be workshopping climate justice, measuring carbon in trees and linking directly via Skype to students in Baguia in rural Timor Leste. This is an initiative run by the Xpand Foundation and the Royal Botanic Gardens.

Workshop Stream:
Activity based learning and teaching tools

1.2 RACV Greening Australia School Green Miles Program—Future Carbon Website
Room 4 - Primary/Secondary focus
Greening Australia and local Gippsland Schools

In 2012 and 2013, Greening Australia have partnered with RACV to deliver the School Green Miles program. Greening Australia worked with Briagolong PS, Meerlieu PS, Stratford PS and Cobains PS in 2012 to calculate travel and school generated Carbon emissions. The schools then took actions to reduce their travel and energy use emissions and offset their emissions with a biodiverse Carbon offset plantation.

So far this year, Bundalaguah, Airly and Gutheridge Primary Schools have taken up the challenge. Come along and learn about the Future Carbon website developed as part of the project and calculate your Carbon emissions.

www.futurecarbon.com.au

Workshop Stream:
Activity based learning and teaching tools

1.3 ResourceSmart Toolbox
Room 7 - Primary/Secondary focus
Lisa Benn - Gippsland Regional Waste Management Group

Teachers will engage with a range of ResourceSmart tools to manipulate, discuss and question their value. These tools are both physical and conceptual and are applicable in either Primary or Secondary schools. They have been gathered from practising sustainable schools. This hands-on learning workshop will provide a visual stimulus to what constitutes a successful ResourceSmart school. To embed behaviour change requires ongoing monitoring and evaluation. Walk away with a list of the necessary tools to create your own toolbox.

Workshop Stream:
Activity based learning and teaching tools
WORKSHOP SESSION 2

1.00 - 2.00  60 minutes

2.1 GippsTAFE Renewable Energy Demonstration Trailer
Room 3 - Primary / Secondary focus
Ian Southall - GippsTAFE

Energy is considered the most abstract of the resource themes. This session will show how the GippsTAFE Renewable Energy Trailer can make Energy a more ‘concrete’ concept for students from both primary and secondary levels. The trailer and its resources and activities will be on display for participants. Ian will show how solar panels can power a variety of appliances and how energy efficient some of the appliances are. He will introduce participants to the wonderful world of electricity, the science behind it and will demonstrate engaging, hands on energy activities that participants can use with their own students in schools.

Workshop Stream:
Technologies supporting sustainability

2.2 Keeping Chooks Happy
Room 4 - Primary/Secondary focus
Edith Maclean - The Chook Chick

A must for school’s considering chooks as a part of their waste management plan, Edith’s workshop will focus on practical advice on the feed, equipment and living conditions you need to provide in order to keep happy, healthy chooks in a system that is simple and easy to maintain in the school environment. Edith will also draw on her extensive experience to answer any questions you may have to solve chicken related problems you have encountered.

Workshop Stream:
Critical thinking and planning supporting sustainability

2.3 Schools Water Efficiency Program — Integrating data logging technology into the classroom
Room 7 - Primary/Secondary focus
Abbie Allen and Andrew Hinchliffe - Yarra Valley Water and DSE

The second phase of SWEP is enabling schools to access and understand their water use profile to achieve significant reductions in water consumption via a purpose built website and supported curriculum piece. The SWEP website supports facilities managers, teachers and students in monitoring water consumption and facilitates learning about water efficiency through maths concepts such as measurement and data.

An initiative delivered by the Departments of Sustainability and Environment and Education and Early Childhood Development, the heavily subsidised program is available to all Victorian schools regardless of their water supply status.

Learn about the program and how your school can get involved.

Workshop Stream:
Technologies supporting sustainability
3.1 Sustainability: A cross curricular priority  
**Room 3 - Primary/Secondary focus**  
Emma Fellows - Cooke -  
Coal Creek Community Park and Museum

This workshop will look at how sustainability can be embedded within different curriculum areas without creating additional workload for teachers. It focuses on covering sustainability issues such as energy, biodiversity and waste through History, Maths, Geography and Science, giving practical examples and hands on activities. Additional discussions will focus on how we can link with our local community.

**Workshop Stream:**  
Activity based learning and teaching tools

3.2 Sustainability Gippsland – Coordinating, Enhancing and Promoting  
**Room 4 - Primary/Secondary focus**  
Heidi Hamm - South Gippsland Shire

In this workshop teachers will engage with a new online tool called Sustainability Gippsland. This new tool is a ‘must have’ for any schools and teachers wanting to promote and share their school sustainability related activities. This hands-on workshop will step through the set-up of your very own school sustainability page. The online tool will act as a ‘hub’ of sustainability activities right across Gippsland. You will be able to share your work and ideas with other like-minded schools and community groups and get advice on any of those tricky questions that come up, e.g. how do I read my school solar inverter? Or, any ideas on engaging with the school community on energy? Jump into the world of social media and walk away from this workshop armed with new online awareness that will assist you through your sustainability journey.

**Workshop Stream:**  
Activity based learning and teaching tools

3.3 Literature and Sustainability Education  
**Room 7 - Primary/Secondary focus**  
Sarah Hurley, Joan McColl & Jie Van Berkel - Wellington Shire Library, Gippsland RCE & Gippsland Grammar

In December 2011, the Regional Centre of Expertise (in education for sustainable development) Gippsland was accredited by the United Nations. Steering committee members who have expertise in a wide variety of educational settings recognise that there is considerable expertise in EfS within the Gippsland community. This workshop aims to tap into this expertise, increase knowledge of the value of literature to EfS and offer information on how to capitalise on this. A practical outcome will be a start on producing a bank of resources to assist educators to enhance what they are doing in educating for sustainability.

**Workshop Stream:**  
Critical thinking and planning supporting sustainability
Notes information to follow-up

Contacts people to talk to

Websites places to learn more

http://www.greeningaustralia.org.au
http://www.futurecarbon.com.au
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| 9.30 - 10.30am | **Plenary session**  
|             | Opening by Jim Mead — Greening Australia  
|             | Acknowledgement of Country — Gunai Kurnai traditional owners       |
|             | **Keynote Speaker**  
|             | Mr Jason Kimberley — CEO Cool Australia, VAEE Educator of the Year  
|             | School Presentation — Hilary Rigg, Clifton Creek PS  
|             | Matthew Peake — Gippsland ResourceSmart AuSSI Vic Consortium        |
| 11.00 - 11.05 am | Move to Workshop 1 rooms                                           |
| 11.05 - 12.05 pm | Workshop Session 1                                                 |
| 12.05 - 12.10 pm | Move to Main Room                                                  |
| 12.10 - 12.55 pm | **LUNCH**  
|             | Displays in Main Room                                               |
| 12.55 - 1.00 pm | Move to workshop 2 rooms                                           |
| 1.00 - 2.00 pm | Workshop Session 2                                                  |
| 2.00 - 2.05 pm | Move to Workshop 3 rooms                                           |
| 2.05 - 3.05 pm | Workshop Session 3                                                  |
| 3.05 - 3.15 pm | Return to Main Room - forum evaluation and close                    |
| 3.15 - 4.00 pm | **Networking and light refreshments in Main Room**                 |
| 4.00 pm     | Travel home                                                         |