

Using social software to gather evidence,
two case studies in education for
sustainability:

CarbonKids 2009 Pilot



Global Communities
for Sustainability

Lorraine J Larri, Director, Renshaw-Hitchen & Associates Pty Ltd
Angela Colliver, CarbonKids Coordinator, CSIRO Education
Prithi Nambiar, Executive Director, Centre for Environmental Education Australia Inc

Who's using
social
software?

- ▶ The nature of information and communications technology (ICT) has shifted dramatically –Web 2.0 and 'social software' are **ubiquitous**.
- ▶ Barak Obama, Kevin Rudd, many other celebrities, colleagues and my 20 year-old niece, ...
- ▶ the Sheikh of Abu Dhabi was recently considering shortening the school holidays during Ramadan so that they ended half-way through the month and before the Eid celebration. Through his Facebook site, he asked his Emirati population what they thought of this idea. After receiving many negative postings he decided against re-opening schools before the end of Ramadan.

1. Setting the scene: An introduction & some definitions

2. How evidence has been gathered and its use in answering the key evaluation questions.

3. The benefits of using Social Software in evaluation, some considerations and risks

4. Other ways evaluators are using social software and implications for the greater use

1. Setting the scene: An introduction & some definitions

- 2007 Roundtable session **Web 2.0 / Social Software – What is it and what are the implications for Evaluation theory and practice?**
- Continuing theme – application of the technologies to evidence capture.

Evaluation Strategy – social software / Web 2.0 tools
school-based teams capture baseline data, action plan, learning journey, and outcomes.



UN Decade of Education for Sustainable Development (DESD)

Web 2.0 / Social Software

- online technologies (or 'tools')
- enable collaboration, networking, distributed knowledge management, and the promotion of flexible individual and collective knowledge construction.
- ethos of fluidity and community that develops through these open and socially shared information spaces

2. How evidence has been gathered and its use in answering the key evaluation questions.

- Improvements in teaching and learning for sustainability
- behavioural changes towards more sustainable practices



- CarbonKids Leadership Team
- CarbonKids Professional Learning Session
- Plan integration of teaching and learning about climate change and its relevance to living sustainably in years K-9, using features of quality Science related teaching and learning
- Implement teaching and learning in locally relevant ways including:
 - measuring and managing the school's greenhouse gas emissions
 - identifying ways to avoid emissions or increase efficiency for unavoidable emissions
 - increasing sequestration by planting trees and shrubs that also help maintain biodiversity
 - making sustainable transport choices
 - protecting biodiversity, improve school grounds and surrounding areas to promote natural absorption of carbon (biosequestration)
 - educating their local community
- Document the learning journey, and reporting changes in curriculum integration, adoption of quality Science related teaching and learning, reduction in greenhouse gas emissions and carbon footprints, behavioural changes towards sustainable practices

area
 ability Issues
 'ey
 'ategy or Action Plan
 munity Onside

port



Social software tool	Use in Evaluations	
	CarbonKids	Global Communities for Sustainability
<p>Online surveys Aggregated results are emailed to school groups for their use, and posted on the wiki / web for general program information. Participants are able to use this information for team development and to reflect on their achievements.</p>	<p>Entry point (baseline) and On Completion</p> <ul style="list-style-type: none"> ▪ Teachers: n = 52 (i.e. 26 x average 2 teachers per school, possibly more) ▪ Students: n = 780 (26 x 30 i.e. one class group) ▪ Parents / Community reps: n = 52 (i.e. 2 per school) ▪ Principals / School Executive rep: n = 26 	<p>Entry point (baseline) and On Completion</p> <ul style="list-style-type: none"> ▪ Team members: n = 360 (30 teams x average 12 per team) <p>On Completion (being considered)</p> <ul style="list-style-type: none"> ▪ Mentors from India & Australia who supported the projects

Social software tool	Use in Evaluations	
	CarbonKids	Global Communities for Sustainability
Web forum	n/a <i>the wiki has potential to connect schools, and this may happen, but at this stage is not part of the Pilot evaluation plan.</i>	Content analysis of web forum postings to determine the degree to which: <ul style="list-style-type: none"> ▪ team members are collaborating and critically reflecting on their Sustainable Development projects ▪ developing cross-cultural awareness

Social software tool	Use in Evaluations	
	CarbonKids	Global Communities for Sustainability
Wiki / Website uploading <i>Students and teachers expand their ICT skills and are able to see other school group reports. In GCS, this is essential to cross-cultural inter-school collaboration. With CK it has this potential and may become a post-pilot feature.</i>	Student School Project digital stories content analysis <ul style="list-style-type: none"> ▪ n = 26 at least one report from each school, but there may be a number of team or class reports, depending on each school's approach. 	Review of Team posts to see the use and frequency of the space in relation to: <ul style="list-style-type: none"> ▪ school information ▪ project proposal ▪ action plans ▪ findings from each step ▪ fortnightly progress reports ▪ final reports

Social software tool	Use in Evaluations	
	CarbonKids	Global Communities for Sustainability
Online conferencing <i>Enables a focus group to be conducted with participants anywhere in the world.</i>	Focus group <ul style="list-style-type: none"> Purposive sample of Teachers from participating schools (e.g. location / class year level / metro / regional rural etc) n = 12 	Focus Group (being considered) <ul style="list-style-type: none"> Purposive sample of Teachers from participating schools (e.g. country / nature of project / school type or sector etc) n = 10

Social software tool	Use in Evaluations	
	CarbonKids	Global Communities for Sustainability
Traditional Evaluation tool		
Phone interviews <i>Whilst this is 'traditional' tool it is now possible to use an online tool such as Skype .</i>	Key stakeholder & local community reps <ul style="list-style-type: none"> Purposive sample of community reps. n = up to 15 across WA, NSW, ACT & Australian Government 	Key stakeholder & local community reps (being considered) <ul style="list-style-type: none"> Purposive sample of community reps. n = up to 15 across WA, NSW, ACT & Australian Government

http://www.ceeaustralia.org/publishcee/clientside/ceeaus/homepage.aspx

gic Search Search Mail Print Home Page Tools

HomePage

CEE Australia

Centre for Environment Education (CEE) Australia Inc.

Home Contact

- About Us
 - GCS
 - Wetlands Education
 - Nature Tour
 - Asia Pacific Network
 - Publications

Welcome To CEE Australia



Centre for Environment Education (CEE) Australia Incorporated is a not for profit association established in Sydney in July 2001. CEEA is dedicated to the development and implementation of innovative environmental education, communication and action programs in Australia and the Asia Pacific region.

[Read More](#)

CEE India


Centre for Environment Education [CEE], India is a national institution engaged in the development of programs and materials in the area of environmental and sustainability education. CEE is one of the largest NGOs in the field of environmental and sustainability education. CEE works internationally with a wide range of partners.

Membership Form

CEE Australia welcomes public involvement in and support of its programs and activities.

As a member of CEE Australia, you will be part of an international network of educators and conservationists.

Global Communities For Sustainability(GCS)



The Global Communities for Sustainability (GCS) project is an exciting and challenging way for school communities in Australia and India to learn more about sustainability issues that concern them locally by sharing these concerns and possible solutions with each other.

[Pre-project Survey](#)


[Read More](#)

Nature Tours

Centre for Environment Education (CEE) offers three exciting 10-day Wildlife & Nature Tours in India. These tours offer an exciting mix of local culture and heritage as well as wildlife and nature interpreted by wildlife experts.

[Read More](#)

Frog Zone



Wetlands in Australia are habitat for rare and vulnerable species of green and golden frogs. Frog Zone Project aims to establish wetlands in school environments across Australia.


[Order a Frogzone Kit](#)

Internet 100%

http://www.ceeaustralia.org/publishcee/clientside/GCS/GCSschool.aspx?id=4


gic Search Search Mail Print Home Page Tools

GCS School




GCS

Global Communities for Sustainability



CEE

Centre for Environment Education Australian Government



Home Contact Us Login

- About GCS
 - Participating High Schools
 - GCS India
 - GCS Australia
 - GCS Manual
 - GCS Forum
 - GCS Mentors
 - GCS Resources
 - GCS Events
 - GCS Regions
 - Archives

SCHOOLS

NEW SOUTH WALES

School	Address
Monaro High School	Cooma NSW
Abbotsleigh College	1666 Pacific Highway (Cnr Ada Avenue) Wahroonga NSW 2076 Australia
North Sydney Boys High School	Falcon St Crows Nest NSW 2065, Australia
Cherrybrook Technology High School	28-44 Purchase Rd Cherrybrook NSW 2126, Australia

QUEENSLAND

School	Address
Ferry Grove State High School	McGinn Road Ferry Grove Qld 4055 Australia
Wondai State School P10	P.O Box 44 Wondai 4606 Queensland Australia

SOUTH AUSTRALIA

School	Address
Seaton High School	Glenburnie Street SEATON SA 5023
Reynella East High School	Hewlett Packard Street, Reynella, South Australia 5161
Unley High School	Kitchener Street, Netherby South Australia, 5062, Australia
Australian Science and Mathematics School	Flinders University

TASMANIA




School	Address
--------	---------

Internet 100%

http://www.cceaaustralia.org/publishcee/clientside/GCS/GCSschool.aspx?id=3

Search + Mail + Print + Bookmarks + Check + AutoFill + Sign In

GCS School


GCS
 Global Communities for Sustainability
 
 Australian Sustainable Schools Initiative
 A Partnership of the Australian Government, The States & Territories
 
CEE
 Centre for Environment Education
 
 Australian Government

Home Contact Us Login

About GCS
 +Participating High Schools
 GCS India
 GCS Australia
 GCS Manual
 GCS Forum
 GCS Mentors
 GCS Resources
 + GCS Events
 + GCS Regions
 + Archives

SCHOOLS

KERALA

School	Address
Kendriya Vidyalaya	P.O District Hospital, Kannur-670 017
Sree Narayana Vidya Mandir Senior Secondary School	Talap, Kannur-670 002
Bharatiya Vidya Bhavan Senior Secondary School	Kakkad, Kannur-670 005
St.Michael's Anglo- Indian Higher Secondary School	St.Michael's A.I.H.S.S, P. B No-26, Kannur - 670 001.

GUJARAT

School	Address
Zydus School For Excellence	Near Alka Park Bus stop, Vejalpur, Ahmedabad- 380 051
The Calorx School	Nandoli Thaltej-Shilaj Road, Ahmedabad-382 115
Asia English School	Asia Campus, Drive-in Road, Ahmedabad-380 054
Reubs Higher Secondary School	Prabhu Park, Punit Marg, Maninagar, Ahmedabad - 380 008
A. G. High School	Opp Dada Saheb Na Pagla, University Road, Navrangpura, Ahmedabad - 380 009
Ahmedabad International School	Opp Rajpath row House, Bih Kiran Motors, Judges Bunglow Road, Bodakdev, Ahmedabad.
Mahatma Gandhi International School	Sheth Motilal Hirabhai Bhavan, Mithakali, Ahmedabad 380 006
Rachana School	Tarla Niketan Complex, Shahibaug, Ahmedabad-380004.
N.R. Secondary and Higher Secondary School	Opposite Municipal Quarters, Ellis- Bridge, Ahmedabad- 380 006
GLS Secondary and Higher Secondary School	Opposite Municipal Quarters, Ellis Bridge, Ahmedabad-380 006





www.cceaaustralia.org/publishcee/clientside/GCS/ParticipatingHighSchool.aspx?SchoolId=45

Internet 100%

http://www.cceaaustralia.org/publishcee/clientside/GCS/ViewerForum.aspx

Search + Mail + Print + Bookmarks + Check + AutoFill + Sign In

Viewer Forum


GCS
 Global Communities for Sustainability
 
 Australian Sustainable Schools Initiative
 A Partnership of the Australian Government, The States & Territories
 
CEE
 Centre for Environment Education
 
 Australian Government



Home Contact Us Login

About GCS
 +Participating High Schools
 GCS Manual
 GCS Forum
 GCS Mentors
 GCS Resources
 + GCS Events
 + GCS Regions
 + Archives


>> GCS FORUMS

- Choose a partner GCS school from a different country
- Interact through the GCS discussion forum and confirm the partnership with them
- Continue to discuss issues and learnings and build relationships through the discussion forum
- Regular participation and visibility on the discussion forum is an important part of the GCS experience

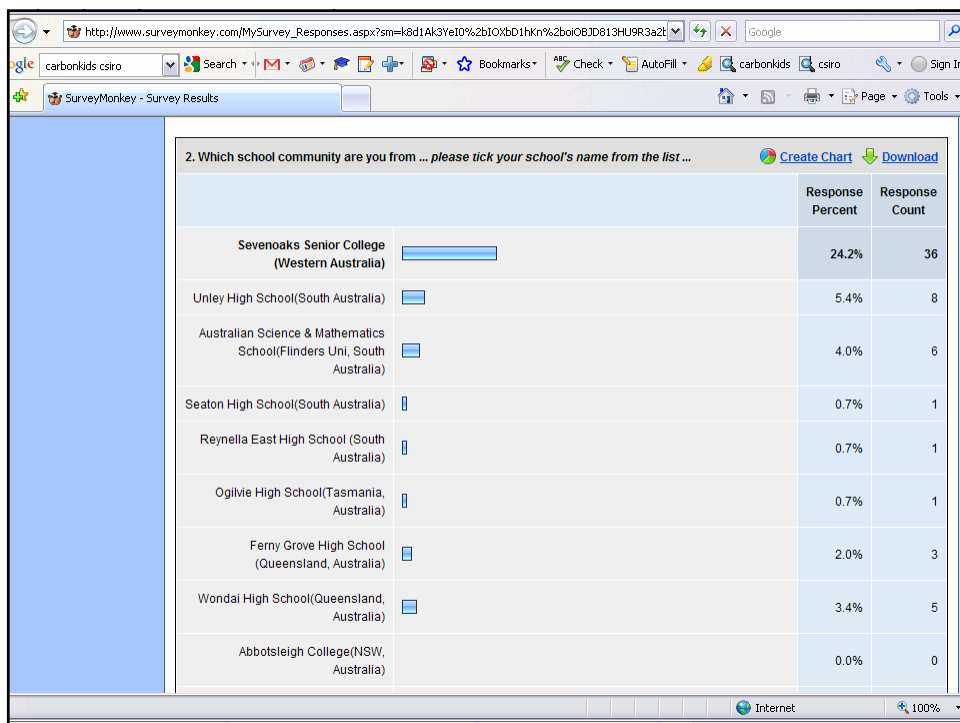
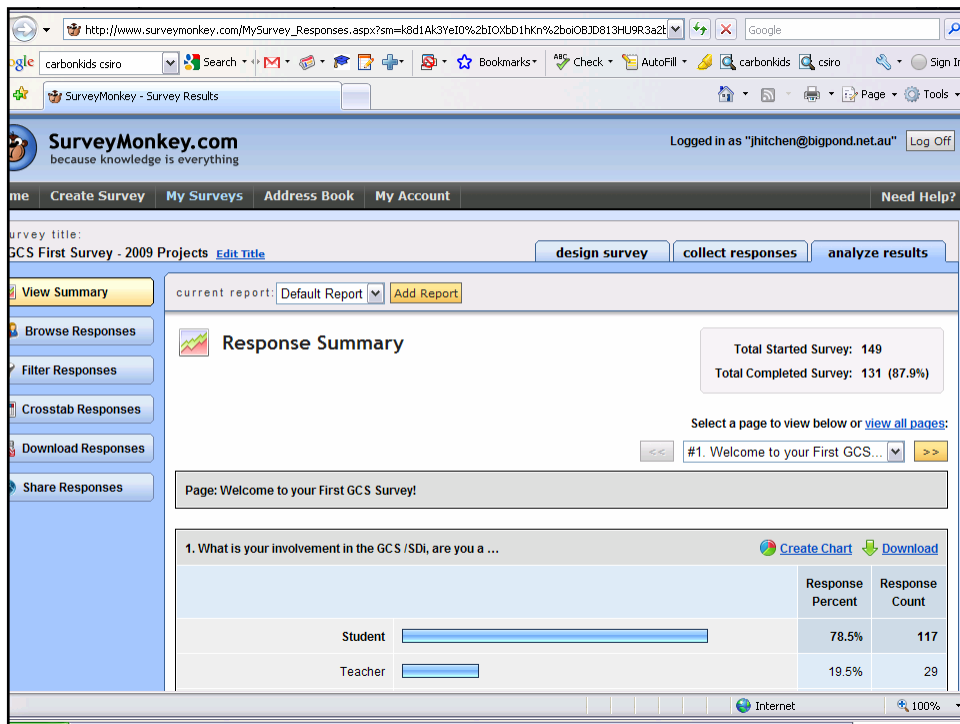
Climate Change / Global Warming

Forums	Created Date	Threads
 Greening – A Way To Combat Global Warming	06-02-2009	0
 Climate Change	06-02-2009	1

GCS Project Talk

Forums	Created Date	Threads
 Talk About Your Project	23-02-2009	0

Internet 100%



Download Question

Choose Format

- Excel Format
The question summary is formatted to open with spreadsheet software.
- PDF Format
The question summary is formatted as a PDF, and can be easily printed.
Orientation: Portrait (Vertical) Paper Size: A4 (210mm x 297mm)
- CSV Format
The question summary is formatted as a comma separated values file.
- XML Format
The question summary is formatted as an XML file.
- HTML Format
The question summary is formatted in HTML, and can be easily posted on a website.

Cancel Export

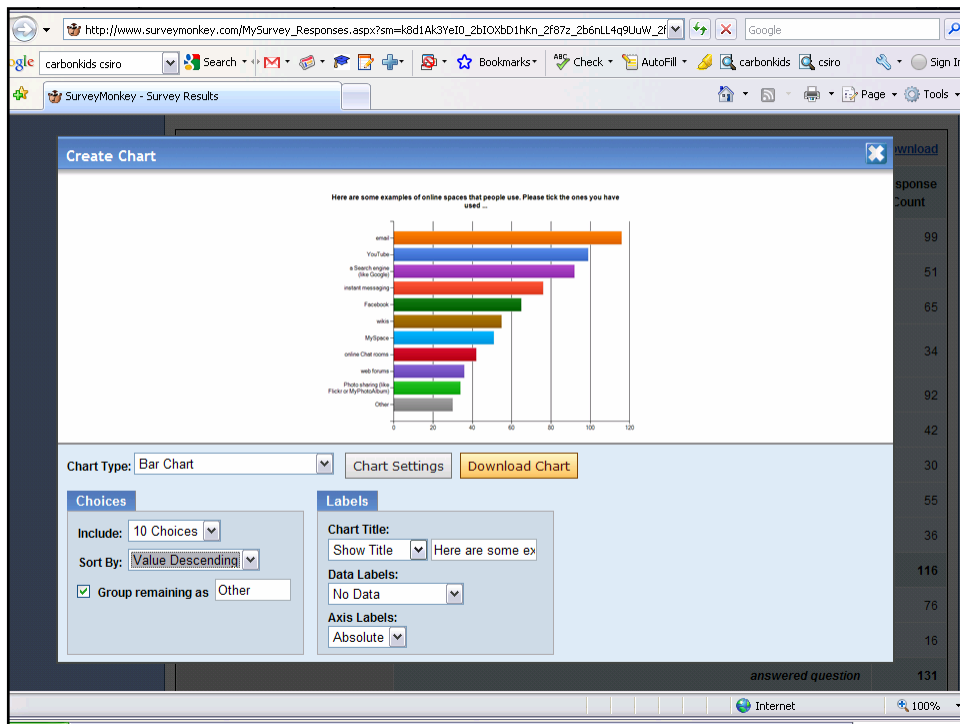
Response Percent	Response Count
24.2%	36
5.4%	8
4.0%	6
0.7%	1
0.7%	1
0.7%	1
2.0%	3
3.4%	5
0.0%	0

Create Chart

Please rate the importance of these GCS features to you ...

Feature	unimportant	somewhat important	extremely important
Having contact with kids or teachers in another country	~8%	~75%	~17%
Learning about other cultures through...	~8%	~68%	~24%
Developing friendships online	~15%	~82%	~3%

Chart Type: Column Chart Chart Response Choices Chart Settings Download Chart



http://www.csiro.au/resources/CarbonKids.html

CarbonKids csiro

CarbonKids (Educational Service)

CSIRO Explore CSIRO Partner Media Events Education Publications Careers Contact Search

Home > Education > Science for Schools > Teacher Resources

Educational Service

CarbonKids

CarbonKids is an innovative educational program for primary and middle schooling years that combines the latest in environmental science with education in sustainability. It provides a range of resources for both primary and secondary school communities to better understand climate change and encourage positive actions that will help them become more sustainable.

- What CarbonKids will do
- What CarbonKids will provide
- What CarbonKids involves
- Piloting CarbonKids

What CarbonKids will do

CarbonKids will:

- support a reduction of greenhouse emissions in schools and local communities

Bioresequestration: planting trees to sink carbon
Image: DEWHA

Fast facts

- CarbonKids is an educational program being developed by CSIRO Education with funding support from [Shell](#) [external link]
- There are currently 26 schools piloting the program in the ACT, NSW and WA
- CarbonKids aims to provide primary and secondary schools with resources enabling them to encourage their community to address climate change

Contact Information

Primary Contact
[Angela Collier](#)

Internet 100%

http://www.csiro.au/products/CarbonKids-Resource.html

CarbonKids csiro

CarbonKids: educational resources for schools (Product)

CSIRO Explore CSIRO Partner Media Events Education Publications Careers Contact

Home > Education > Science for Schools > Teacher Resources

Product


CarbonKids: educational resources for schools

CarbonKids is a program for schools committed to tackling climate change. The educational resources offer a range of ideas and activities for the early, primary and middle years of schooling and enable students to achieve outcomes set out in State and Territory curriculum frameworks.

[Introduction to the educational resources](#)
[Units](#)

The units and complementary materials have been developed to assist students in developing an understanding of:

- climate change and its impact on society and environments
- the interrelationship between the greenhouse emissions, the environment and our society
- how to reduce greenhouse gas emissions in schools and local communities
- the role of forest biodiversity and biosequestration in addressing climate change



The CarbonKids educational program is being trialled in 24 schools in 2009.

Fast Facts

- CarbonKids is a pilot educational program being trialled in 26 schools in 2009
- The resources are made up of 8 units
- Resource materials are appropriate for primary and middle school students
- The materials can be used in a number of subjects and contexts
- CarbonKids is funded by Shell [external link]

Contact Information

Primary Contact

Angela Collins

http://carbonkids.csiro.au/wiki/index.php/CarbonKids

CarbonKids csiro

CarbonKidsPilot09 - home

CarbonKidsPilot09 - home

Carbon Kids

home DISCUSSION HISTORY NOTIFY ME EDIT

CarbonKids
CarbonKids is a new initiative of CSIRO Education with funding support from Shell. It aims to educate students, and the community, via interactive and action-based programs related to climate change.

The CarbonKids program:

- Is an action-based school participation program to support a reduction of greenhouse gas emissions in schools and local communities.
- Supports the development of a whole-school approach to Education for Sustainability (EFS) with every staff member and student playing their part in working for a sustainable future, in partnership with parents and other members of the school community.
- Provides opportunities for students, teachers, parents and friends to participate in a range of initiatives that understand and generate educational, personal and climate-related benefits that come from caring for self

http://carbonkidspilot09.wikispaces.com/CarbonKids+Climate+Change+Workshop

carbonkids csiro

CarbonKidsPilot09 - CarbonKids Climate Change Work...

HISTORY NOTIFY ME

New Page
Recent Changes
Manage Wiki
Search

CarbonKids Climate Change Workshop
National Launch of CarbonKids
CarbonKids in the Media
Memories of the CarbonKids Launch
Evaluation Outline
Science Learning
Requesting Carbon
A Pilot Schools
13W Pilot Schools

CarbonKids Climate Change Workshop


The CarbonKids Climate Change Workshop was held on Wednesday 19 August 2009 at Forrest Primary School from 9.00am-2.30pm.

The workshop looked for CarbonKids with the following skills, attitudes and attributes:

- Youth who have a genuine interest in and commitment to tackling climate change
- An ability to relate well with wide sections of the community
- An ability to lead and model good practices, and
- Good CarbonKids Ambassadors

Purpose of the CarbonKids Climate Change Workshop was to:

- Expose youth to CSIRO scientists to hear the latest climate change science and the wide experiences and activities related tackling climate change
- Share and learn about the CarbonKids pilot school's projects that will contribute to tackling climate change
- Voice issues, hopes and dreams about the current and future management of the environment and
- Be a conduit between youth and Government decision-making bodies.



Students engage with the panel.

Internet 100%

http://carbonkidspilot09.wikispaces.com/Science+Learning

carbonkids csiro

CarbonKidsPilot09 - Science Learning



★ Science Learning PAGE DISCUSSION HISTORY NOTIFY ME EDIT

New Page
Recent Changes
Manage Wiki
Search

CarbonKids Climate Change Workshop
National Launch of CarbonKids
CarbonKids in the Media
Memories of the CarbonKids Launch
Evaluation Outline

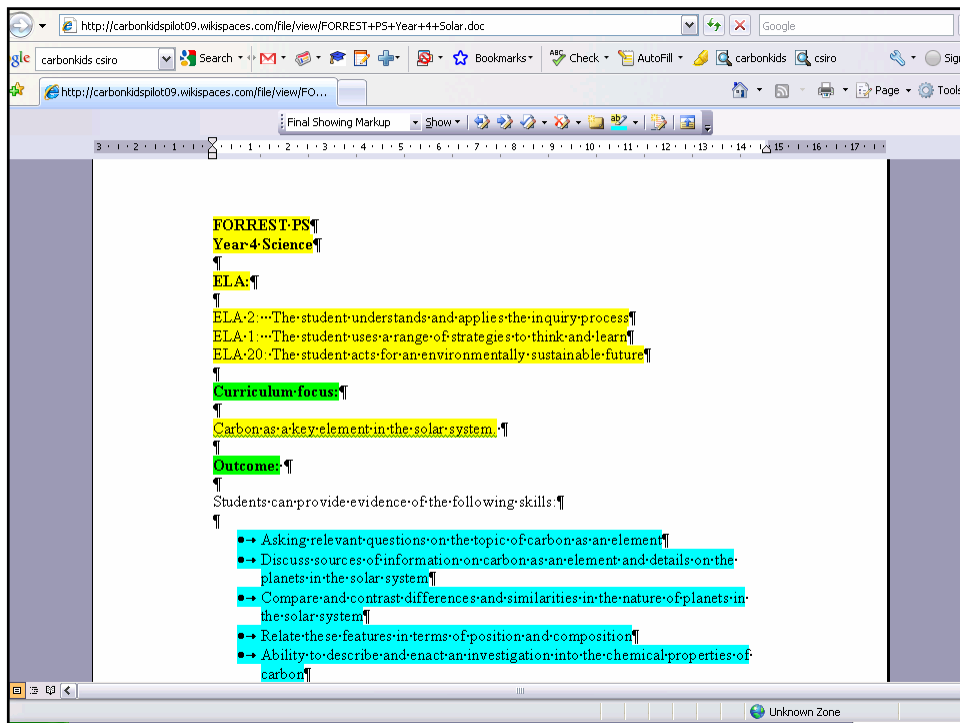
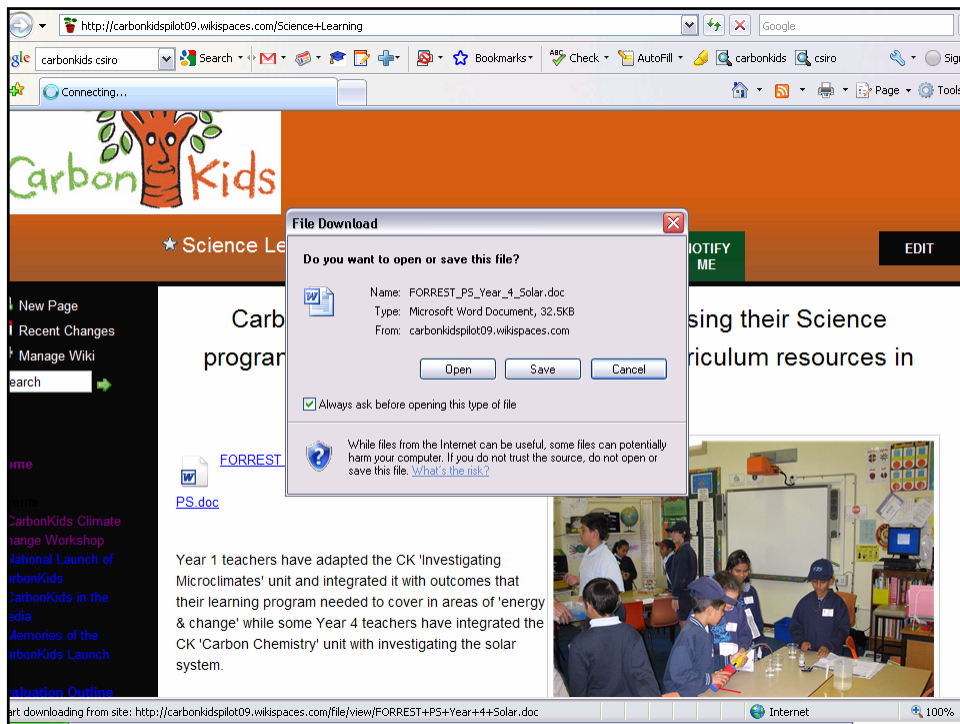
CarbonKids teachers have been customising their Science programs and adapting the CarbonKids curriculum resources in innovative ways.

[FORREST PS Year 4 Solar.doc](#) [FORREST PS.doc](#)

Year 1 teachers have adapted the CK 'Investigating Microclimates' unit and integrated it with outcomes that their learning program needed to cover in areas of 'energy & change' while some Year 4 teachers have integrated the CK 'Carbon Chemistry' unit with investigating the solar system.



Internet 100%



The screenshot shows a web browser window displaying a Wikispaces page. The address bar shows the URL: <http://carbonkidspivot09.wikispaces.com/Evaluation+Outline>. The page features a logo for 'Carbon Kids' with a tree character. Below the logo, there are navigation buttons: 'Evaluation Outline', 'PAGE', 'DISCUSSION', 'HISTORY', 'NOTIFY ME', and 'EDIT'. On the left side, there is a sidebar with options like 'New Page', 'Recent Changes', and 'Manage Wiki'. The main content area contains two links: 'CSIRO SEC 28 July 09 ppt' and 'ck_survey.pdf - Adobe Reader.pdf'. Below the links, there is a heading 'Entry point online surveys:' followed by a bulleted list:

- Teachers & students, Parents and community representatives
- Towards Completion (one month before?):

The screenshot shows a PDF document titled 'CarbonKids Teacher Entry Survey'. The document is displayed in a browser window with the URL: <http://carbonkidspivot09.wikispaces.com/file/view/ck+survey.pdf++Adobe+Reader.pdf>. The document content includes:

CarbonKids Teacher Entry Survey

1. Introduction & Background information

ABOUT THIS SURVEY

You have been sent this survey because your school is **participating in the CarbonKids Program Pilot**. Doing this survey is the first step in providing valuable feedback as part of the Pilot. **You should already have received an information letter and consent forms about this evaluation research project.**

The CarbonKids Coordinator, Angela Colliver through CSIRO Education has commissioned our company to evaluate the ways in which the pilot of CarbonKids is helping schools to integrate teaching and learning about climate change by pioneering the latest science and sustainability education.

In particular, we would like know your views about the usefulness of the way the CarbonKids is currently structured; how we can improve it; and the ways in which your teaching and learning about climate change in your school has changed since becoming involved.

This is the first of two (2) online surveys for you as a participating Teacher. It will establish the baseline information. A second follow-up survey will be sent to you towards the end of the Pilot (in November). Your information is extremely valuable and will be used in planning the next stages of CarbonKids development.



http://carbonkidspilot09.wikispaces.com/National+Launch+of+CarbonKids

CarbonKidsPilot09 - National Launch of CarbonKids

HISTORY NOTIFY ME

New Page
Recent Changes
Manage Wiki
Search

ome
CarbonKids Climate Change Workshop
National Launch of CarbonKids
CarbonKids in the Media
Memories of the CarbonKids Launch
valuation Outline
cience Learning
equestering Carbon

Marles launches CarbonKids Schools Pilot Program


Students from 16 Canberra schools gathered on Wednesday 19 August 2009 to celebrate the launch of the CarbonKids Schools Pilot Program by the Parliamentary Secretary for Innovation and Industry, the Hon Richard Marles MP. Initiated by CSIRO and supported by funding from Shell Australia, the CarbonKids pilot program involves students in hand-on projects that aim to reduce the carbon footprint of their schools. Combining the latest science with sustainability education, school communities are learning to understand climate change and take positive steps to foster environmental sustainability.

"The CarbonKids Schools Pilot Program recognises and promotes the fundamental role that young Australians will play in tackling climate change and protecting the environment in the years to come," Mr Marles said.

Speaking at the launch at Forrest Primary School, Mr Marles said the schools involved were taking simple, cost-effective steps to ensure a cleaner and brighter future.

"I've been very interested to see the work they have done to reduce the carbon footprints of their schools and the behavioural changes they are instilling in their families, friends and the broader community," he said.

At Forrest Primary School, students in years 4 and 5 have been learning about sustainable energy use and planting trees and shrubs as a way to absorb carbon. Elsewhere, students have been using a carbon calculator to measure greenhouse gas emissions or investigating the mechanics or solar power




Internet 100%

http://carbonkidspilot09.wikispaces.com/Memories+of+the+CarbonKids+Launch


CarbonKidsPilot09 - Memories of the CarbonKids Launch

New Page
Recent Changes
Manage Wiki
Search



ome
CarbonKids Climate Change Workshop
National Launch of CarbonKids
CarbonKids in the Media
Memories of the CarbonKids Launch
valuation Outline
cience Learning
equestering Carbon
IA Pilot Schools
SW Pilot Schools



Forrest Primary Principal Paul Henryyon and local student Thaddues Connor share a traditional 'welcome to country' with invited guests.



MC and Local ABC Weather Presenter, Mark Carmody, addresses the audience.





Internet 100%



http://carbonkidspilot09.wikispaces.com/Memories+of+the+CarbonKids+Launch

CarbonKidsPilot09 - Memories of the CarbonKids Launch

arbonKids Launch
valuation Outline
cience Learning
equestering Carbon
IA Pilot Schools
SW Pilot Schools
CT Pilot Schools
edit navigation



Dr Jim Peacock outlines the CarbonKids Program to the audience.


Shell Greenhouse Gas Manager Tzila Katzel discusses

Internet 100%

http://carbonkidspilot09.wikispaces.com/CarbonKids+in+the+Media

CarbonKidsPilot09 - CarbonKids in the Media


valuation Outline
cience Learning
equestering Carbon
IA Pilot Schools
SW Pilot Schools
CT Pilot Schools
edit navigation



Hand-on activities demonstrated the advantage of solar power and students quickly came to grips with the technology. **Jake Staples, Zedyn Hawkins and Cameron Fleming test a solar-powered car with the guidance of CSIRO CarbonKids coordinator Angela Collier.**

A group of CarbonKids enjoying a demonstration of a Solar Car, as shown in the Hervey Reporter.

As you can see, the Media Kit will help you to seek media attention to showcase your individual projects and activities during CarbonKids program events. It will also allow you to use the key messages of the initiative when organising your own media events that relate to your CarbonKids projects and allow you to get the most coverage available.



Students do their part

By HANNELORE HEPUERN

NATIONAL Tree Day was an opportunity for Australind Christian School students to show that they care for their environment.

"The CarbonKids school has taken on responsibility to develop innovative sustainability projects in the area of biosequestration to tackle climate change.


Head of school Fran Prebble said that National Tree Day was an opportunity to tell the local school how developed through their participation in the CarbonKids project.

"The students are very conscious of the environment and the issues resulting from climate change and were very keen to plant trees", she said.

"We have planted every year and have added another 80 native seedlings from the Lechenault Community Nursery."

Hannah Staples, Alexis Galati and Yolanda Abano enjoyed the tree-planting day.

CarbonKids students of the Australind Christian School on National Tree Day, as shown in the Hervey Reporter.



A pair of "Carbon Cops" from Rydalmere East Prima shown in their school newsletter.

Internet 100%

http://carbonkidsplot09.wikispaces.com/Sequestering+Carbon

Sequestering Carbon


PAGE DISCUSSION HISTORY EDIT

NOTIFY ME


New Page
Recent Changes
Manage Wiki
Search

CarbonKids Climate Change Workshop
National Launch of CarbonKids
CarbonKids in the Media
Memories of the CarbonKids Launch
Evaluation Outline
Science Learning

CarbonKids schools have been taking advantage of opportunities for vegetation management, revegetation and forestry programs in the school grounds and sequestering carbon as one way of tackling climate change.



Existing trees at Blaxcell Street Public School



Blaxcell students preparing their school grounds to absorb more carbon

Internet 100%

3. The **benefits** of using Social Software in evaluation, some considerations and risks

The nature of EfS programs:

- Social connectedness is at the heart of sustainability.
- The technologies being used have the dual ability to gather evidence and enhance networking across Australia and support cross-cultural, intergenerational, collaborative dialogue.
- Using online technologies is arguably more environmentally responsible than travelling across Australia to conduct case studies and interviews.

Involving the participants in the evaluation process:

- Participant use of aggregated data of baseline surveys, also 'on completion' data fed back to individual schools and for all schools.
- Space to seek feedback and critical reflection comment about the evaluation.
- Evaluator able to post notices and comments.

Data quality:

- Quantitative and qualitative survey data: qualitative data is provided directly by the participants. It functions both as data and as online content.

Engaging school systems in the evaluation:

- Technology literacy - Information and communication technology (ICT) skills of participants are increased and this is attractive to schools looking for appropriate real life opportunities for students and teachers.

Value for money:

- With limited budgets, the technology provides excellent affordability, reliability and ease of use.



3. The benefits of using Social Software in evaluation, some considerations and risks

Respondent capabilities and access to computers:

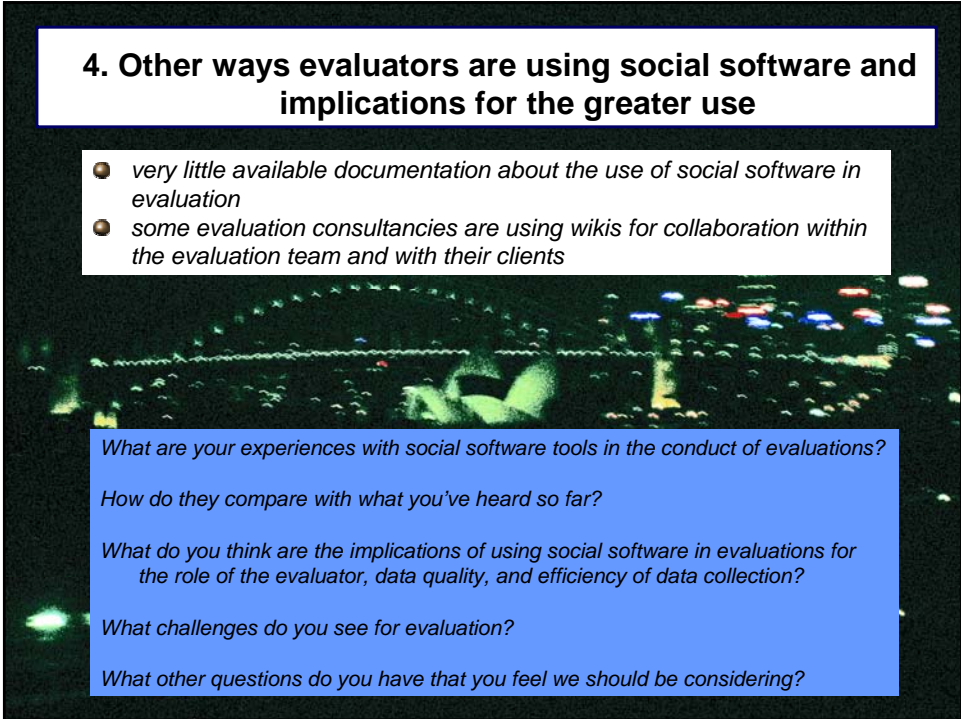
- Managing for variations in Digital Literacies

Ethical conduct:

- The usual, plus ... netiquette, copyright, ...

Evaluator capabilities in facilitating and managing online content:

- Online facilitation skills
- Website management / web development



4. Other ways evaluators are using social software and implications for the greater use

- *very little available documentation about the use of social software in evaluation*
- *some evaluation consultancies are using wikis for collaboration within the evaluation team and with their clients*

What are your experiences with social software tools in the conduct of evaluations?

How do they compare with what you've heard so far?

What do you think are the implications of using social software in evaluations for the role of the evaluator, data quality, and efficiency of data collection?

What challenges do you see for evaluation?

What other questions do you have that you feel we should be considering?

