

Bournda Environmental Education Centre Annual School Report 2014



School context statement

Bournda EEC is located within Bournda National Park, a superb and natural setting ideally suited for the delivery of environmental education programs. The EEC services a large catchment of schools across rural south-east NSW. Programs are also offered in schools and other off-site locations as required.

Principal's message

In 2014 Bournda EEC continued to deliver quality teaching and learning programs to schools in the South East. Our centre is a valuable resource for schools seeking to improve the quality of education for children and young people in rural NSW and supports a broad and rigorous curriculum in schools.

Our effective partnerships deliver programs that contribute to; raising student expectations of careers in science, geography and environmental science; use of technology in outdoor settings; student wellbeing, health and resilience; and an understanding of how sustainability is critical for the future of rural communities.

I certify that the information in this report is the result of a rigorous school self-evaluation process and is a balanced and genuine account of the school's achievements and areas for development.

Doug Reckord

Student Attendance Profile

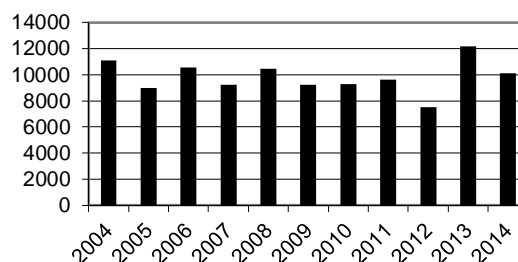
No. of students: 10,126

Primary: 7,014 **Secondary:** 3,066 **Other:** 46

St 1	St 2	St 3	St 4	St 5	St 6	Other
11.8	25.3	30.0	14.5	13.5	4.4	0.5

Percentage breakdown of student visits by stage

2004-2014 Attendance Profile
Student days



Workforce Composition

Position	Number
Principal	1
Classroom Teacher(s)	1
School Administrative & Support Staff	1.192
Total	3.192

Bournda EEC employs Indigenous staff for specialist Aboriginal education programs and during NAIDOC week.

Teacher qualifications

All teaching staff meet the professional requirements for teaching in NSW public schools.

Qualifications	% of staff
Degree or Diploma	100
NSW Institute of Teachers Accreditation	100



Exploring Wet and Dry Environments in Bournda National Park

Professional Learning and Teacher Accreditation

A casual teacher was supported during the accreditation process and was accredited by BOSTES. Casual teachers working at Bournda EEC are also advised to seek placement in local schools for classroom experience.

Staff participated in mandatory training courses, Adobe Connect sessions on the new K-10 Science syllabus, video conferences on Stage 6 Science, Far South Coast Principals' Network meetings, the EEC Annual Conference, the EEC Principals Conference, Live Life Well at School training and Technology Update Meeting video conferences.

Financial summary

This summary covers funds for operating costs and does not involve expenditure areas such as permanent salaries, building and major maintenance.

Date of financial summary	30/11/2014
Income	\$
Balance brought forward	129985.59
Global funds	31676.54
Tied funds	14306.04
School & community sources	65301.19
Interest	3646.90
Trust receipts	8063.00
Canteen	0.00
Total income	252979.26
Expenditure	
Teaching & learning	
Key learning areas	13010.96
Excursions	3056.58
Extracurricular dissections	40404.70
Library	1017.78
Training & development	84.85
Tied funds	14571.10
Casual relief teachers	0.00
Administration & office	10071.14
School-operated canteen	0.00
Utilities	3823.94
Maintenance	9071.33
Trust accounts	7651.32
Capital programs	0.00
Total expenditure	102763.70
Balance carried forward	150215.56

Further details concerning the statement can be obtained by contacting the school.

School performance 2014

Bournda EEC provided a wide range of programs and activities to support students and schools.

Achievements

Every Student, Every School

- Supported the IST (Hearing) staff with a team building program for hearing impaired students at Narooma.
- School programs include disabled students. Bournda EEC provides these students with access to safe outdoor experiences.
- Organised an opportunity for Bega HS special education students to work with NPWS staff on a Landcare project in Bournda National Park.
- Facilitated the Police Citizens Youth Club program with students from Bega HS.



Kev the Koala and Bob the Harris on the Zoomobile Tour

Rural and remote education blueprint

- Provided students in rural and remote schools access to a broad range of curriculum opportunities, particularly for gifted and talented students.

Programs to enhance student wellbeing, team work and peer support included the:

- Narooma HS Year 7 Peer Support Camp.
- Bega HS Year 12 Sport, Leisure and Recreation (SLR) camp and activities.
- Bega Valley Community Drug Action (CDAT) Team Camp - Bega HS, Eden MHS
- CDAT Leadership Training Day – Bega HS, Eden MHS.
- Cobargo PS Stage 2 Team Building Camp.
- Central Tilba PS School Camp.
- Monaro HS Year 11 SLR Camp.
- Stage 2 Leadership Outdoors Program– Tanja, Wolumla, Cobargo, Candelo, Bemboka, Merimbula, Eden and Tathra PS.

Programs providing Science and Technology K-6 enrichment and opportunities for GAT students included:

- 494 students from Wyndham PS, Towamba PS, Candelo PS, Quaama PS, Tanja PS, Cobargo PS, Bemboka PS and Eden PS participated in Spring and Autumn Waterbug surveys.
- Towamba PS Stage 1 – Minibeasts and Lifecycles.
- Panboola Bioblitz Schools Day –52 students from Eden PS, Towamba, Merimbula, Pambula PS and Eden Marine HS.
- Stage 2 and 3 Environmental Science Days attended by Bermagui, Tanja, Tathra Pambula, Merimbula, Quaama, Eden, Towamba, Pambula and Wolumla PS.
- Taronga Zoomobile Visits – 322 students from Bermagui, Wyndham, Towamba, Candelo, Tanja and Wolumla PS participated in a program with the Bournda Puppet Show and Museum in a Box resources.
- Stage 2 and 3 Science in the Lab with Wolumla, Bemboka, Cobargo, Tathra, Tanja, Candelo, Merimbula, Eden and Quaama PS.

- Stage 2 HSIE Going Ape – Wolumla, Bemboka, Candelo, Merimbula, Tanja, Cobargo, Eden PS and Tathra PS.
- Stage 3 HSIE Bournda Bike Safari with Wolumla, Merimbula, Eden, Bemboka, Tanja, Quaama and Tathra PS.
- Stage 3 Geocaching/Numeracy Tanja, Wolumla, Merimbula, Tathra, Eden, Quaama, Bemboka and Cobargo PS.
- Stage 1 Animal Adaptions involved 80 students from Tathra PS.
- Video conferences on Elephants and Yellow Bellied Gliders (Taronga Zoo) with Yanco, Candelo, Numeralla, Wyndham and Nymboida PS.

Programs providing students with English and Creative Arts enrichment included:

- Stage 2 GAT Art/Writing Days.
- Stage 3 Creative Art and Writing Day with student work displayed in libraries throughout the Bega Valley.
- Stage 3 Literacy workshop – Eden PS, Quaama PS, Wolumla PS and Tanja PS.
- Stage 4 Literacy workshop with participants from Bega HS, Eden MHS, and Bombala HS.



“Trashformations” - recycled art created by Eden Marine HS students at the Bega Valley Community Drug Action Team Camp

Integrated programs providing students with fieldwork experiences included:

- Towamba PS Stage 2&3 – Science in the Lab, Find a Frog, Biodiversity & Adaptions, GPS, and Geocaching.
- Eden PS Stage 1&2 – National Parks studies.
- Tathra PS –Stage 2 - State and National Parks program.
- Wyndham PS– Australia- you're standing in it, Mathematics and Environmental Games.
- Merimbula PS Stage 2 - Environmental games, Animal Adaptations, Junior Mapping and Challenge games.
- Bemboka PS Stage1 - Bourndasaurus, Environmental Education games and mathematics games.
- Eden MHS Year 10 Geography fieldwork at Dolphin Cove.
- Batemans Bay HS – Year 11 Biology, Agriculture, Earth and Environmental Science camp.
- Cobargo PS Stage 2 -Dip netting, Find-a-Frog and Animal adaptations.
- Bombala PS Stage 2 Growth & Change, Fishing and Beach activities.
- Tanja PS Camp and Nightwalk activities.
- Tanja PS Mimosa Rocks Bioblitz with the Atlas of Life in the Coastal Wilderness.
- Eden PS - Estuary Waterwatch.

Programs with integrated syllabus outcomes supporting school sustainability actions included:

- Eden PS – Climate Clever activities (with Illawarra EEC).
- Supporting the Monaro HS Year 10 Geography field trip to Cooma Waste Depot.

- Batemans Bay HS students and teacher attended the Landtasia Organic Farms Workshop.
- Planning of climate watch trail and nest box construction at Quaama.
- Cooma PS and Cooma North PS visited Bournda as recipients of the Cooma Monaro Council Prize for waste education.
- Central Tilba PS .Organic Waste Project and Bath Tub Worm Farm Construction.
- Monaro HS – The SERRG Pitch Video Competition Finals.
- Bega HS, Eden Marine HS, Moruya HS students attended a Waste and Climate Workshop at Bournda run by Australian Youth Climate Change (AYCC).
- Batemans Bay HS Year 10 Agriculture Organic waste processing workshop.
- Eden PS Energy Audit.
- Bombala HS Waste Audit.
- Goulburn HS SERRG Waste Education Recycling Activity.
- Year 7 Geography EcoRanger at Bega HS and Eden MHS.
- Tathra PS Energy Audit.
- Sin Bin Waste Education newsletter distributed to schools throughout South East NSW.



Science in the Bournda Lab

Significant programs and initiatives

Aboriginal education

- Supported the planning and delivery of the NPWS led “Back to Country/Bundian Way” Camp held at Jigamy Farm in May 2014.
- Coordinated school visits by Amelia Telford, Indigenous Coordinator Australian Youth Climate Coalition.

School planning and evaluation 2012—2014

School evaluation processes

NSW public schools conduct evaluations to support the effective implementation of the school plan. The processes used include:

- Teacher surveys.

School planning 2012-2014:

School priority 1

Aboriginal education

Outcomes from 2012–2014

Opportunities are created for schools to work in partnership with their local Aboriginal communities.

Evidence of progress towards outcomes in 2014:

- NAIDOC 2014 evaluations show a high level of satisfaction with the program.
- Hosted the Bega HS Koori Students Camp.
- Attendance at Bega HS Partnerships meeting coordinated by the ACT/NSW Office of Indigenous Affairs, Queanbeyan Region, Department of the Prime Minister and Cabinet.
- Hosted the inaugural Koori Landcare Camp with 11 participants from Bega High School Stage 4.

Strategies to achieve these outcomes in 2014

- Coordinated NAIDOC 2014 activities in partnership with Eden Elders and NPWS.
- Attendance at Bega AECG meetings.

- Participation in the MGoals Program.

School priority 2

Student engagement

Outcomes from 2012–2014

Develop engaging and innovative teaching and learning programs

Evidence of progress towards outcomes in 2014:

- The *My Treasure* program was included in the Bournda EEC Gifted and Talented program with Stage 2 and 3 students from Pambula, Eden, Merimbula, Tanja, Quaama, and Tathra PS attending. Evaluations showed the students responded well towards the use of ICT (Padlet) in the activity.
- The *My Place* biodiversity mapping project, in partnership with the Atlas of Life in the Coastal Wilderness, was delivered to students at Candelo PS, Wolumla PS, Quaama PS and Cobargo PS. School evaluations of the activities were positive.
- National Science Week activities were run in partnership with the Sapphire Coast Regional Science Hub and were well attended by local community, including students and teachers.

Strategies to achieve these outcomes in 2014:

- Development of new gifted and talented programs for schools.
- Partnership activities with local community science organisations.

School priority 3

Sustainable Schools

Outcomes from 2012–2014

Increase sustainability leadership in schools

Evidence of progress towards outcomes in 2013:

- Establishment of gardens at Eden PS and Bemboka PS and garden activities at Candelo PS, Towamba PS, Wyndham PS and Bega Valley PS.

- Assisting Ulladulla HS World Environment Day program with 200 Year 7 students.
- Conducted workshops at the South East SRC Conference followed up by *The Waste Channel*, using Adobe Connect to communicate with students on waste education projects. Participants were from Crookwell HS, Batemans Bay HS and Bombala HS.
- The Queanbeyan Sustainability Expo was attended by 472 students from Queanbeyan East, Queanbeyan South, Queanbeyan West, Queanbeyan and Jerrabomberra PS.
- Harrison Warne of Eden MHS received the Inaugural Bournda EEC Future Leaders Environment Award and a prize of \$1000 to support his future studies.

Strategies to achieve these outcomes in 2014:

- The Pitch waste education video competition will run again in 2015.
- The SERRG Waste Education Program will continue in 2015.
- The Bournda EEC Future Leaders Environment Award will be offered again in 2015



Garden projects provide engaging experiences for students

Parent/caregiver, student, and teacher satisfaction

In 2014, the school sought the opinions of teachers about the programs they participated in.

Their responses are presented below.

20 evaluations were returned with a series of questions identifying if students were engaged and responded positively to the program. The

responses were scored on a Likert scale of 1 to 5 with 1 being the most positive response and 5, the most negative. The average score for the 20 evaluations received was 1.1 indicating a high level of satisfaction with the programs.

Future Directions 2015-2017 School Plan

NSW DEC is implementing a new school planning process for 2015-17. The new plan will be published on the school's website from the beginning of Term 2 2015.

About this report

In preparing this report, the self-evaluation committee has gathered information from evaluations conducted during the year and analysed other information about the school's practices and student learning outcomes. The self-evaluation committee and school planning committee have determined targets for the school's future development.

Ross Fackerell (General Assistant – Relieving)

Dan Bakker (Casual teacher)

Ally Madden (SERRG Project Officer)

Bob Harris (Teacher)

Luke Brown (Casual teacher)

Jan Lynch (Administrative Manager)

Doug Reckord (Principal)

School contact information

Bournda Environmental Education Centre

Bournda National Park, KALARU 2550

Ph: 0264945009

Fax: 0264945011

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

Web: <http://www.bournda-e.schools.nsw.edu.au/>

Facebook: <https://www.facebook.com/bournda>

Twitter: @bournda School Code: 5679

Parents can find more information about Annual School Reports, how to interpret information in the report and have the opportunity to provide feedback about the report at:

<http://www.schools.nsw.edu.au/learning/emsad/asr/index.php>