

Paluma Environmental Education Centre

2011 Annual Report



Administration

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2011 Staff Opinion Survey (Percentage of Staff who Strongly Agree or Agree)

- Physical Work Environment – 100%
- Relationships – 95%
- School Operations – 76%
- Staff Morale – 97%
- Support, Resources & Training – 93%
- Work Roles – 93%
- Work Value & Recognition – 98%

2011 Staff

DET Allocation:

- Teaching Principal Band 6 1.0FTE
 - 2 Teachers (both Senior Teachers) 2.0FTE
 - Unit Support Officer 1.0FTE
 - Administrative Officer AO2 44 hours a fortnight 0.6FTE
 - Cleaner 50 hours a fortnight 0.7FTE
- Total allocated staff headcount 2011 = 5.3FTE**

Purchased:

- Earth Smart Science funded Teachers 1.2 FTE
 - Earth Smart Science Teacher-Aides (3 sites) 51 hours a fortnight 0.7FTE
 - Library Aide 12 hours a fortnight 0.2FTE
 - 3 Cooks up to 55 hours a fortnight 0.7FTE
- Total purchased staff headcount 2011 = 2.8FTE**

Professional development (47% of General Grant)

- Strategic – World Environmental Education Congress, OEECPA conference, ARC project workshops, C2C workshops, visits to other O&EECs, eLearning for Leaders
- Operational – First Aid, JAGG meetings, One School training, Regional Cleaners training, ICT Certificates, State Purchasing



Located in NQ Region

- In Paluma Village
- Surrounded by the Wet Tropics World Heritage Area of the Paluma Range National Park

Natural learning areas:

- Tropical rainforest
- Freshwater creeks
- Tin-mining & timber-cutting relics
- Wartime heritage

Residential Facilities

- Sleeping accommodation for 40 in two dormitories
- Commercial kitchen
- Dining room to seat 60
- Staff quarters & basic administration in Old School
- Learnsaped outdoor “classrooms”

Ecological Footprint

Environmental Footprint Indicators 2010-2011

2011 Centre Income

School Grant	27634
Agriculture Grant	16000
Minor Works	2500
TRS – Sick leave	7455
TRS – Conversion	9132
Grounds Equipment	1000
ICT Grant	3592
Utilities– Facilities	9382
Utilities – Telecommunications	4841
Earth Smart Science Initiative	130320
School Groups	28105
Non-School Groups	6554
NQ Dry Tropics partnership	27773
Incidental Income	706
Interest	12384
TOTAL INCOME	\$288084

Curriculum Offerings

85% of all programs delivered were to primary schools:

- Science –based rainforest studies eg forest structure & features
- Science-based studies of endangered species eg cassowary
- Science-based studies of natural systems eg water cycle
- SOSE-based studies of human impact on the forest eg water quality
- History-based studies of local history & industries eg indigenous history, timber & tin industries
- Multi-disciplinary *Earth Smarties* excursions for student environmental leaders

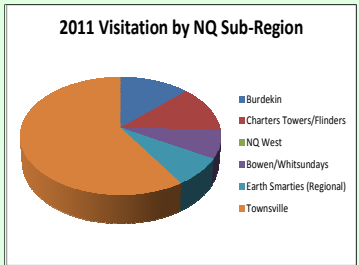
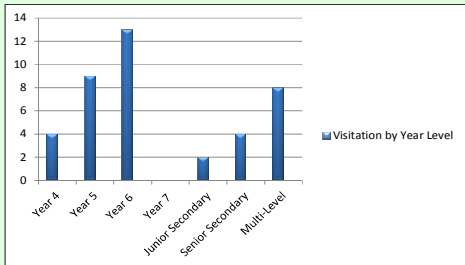
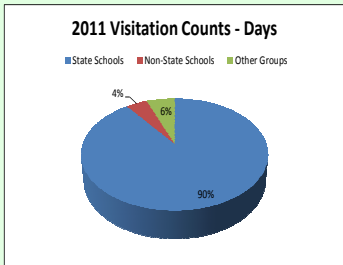
	Electricity (KwH)	Water (KL)	Gas (kg)	Waste (Bins)
2011	36041	176	89	3
2010	34254	176	69	3
% Change	+5.2%	0	+28.9%	0

Integration of ICTs (information and Communication Technologies)

- ADSL connection to internet
- Wireless to Dining Room & Old School
- Steady investment in ICTs – Spark data loggers & probes, digital microscopes, digital cameras
- Conscious inclusion of ICTs in existing & newly developed excursion programs
- Centre Facebook page, EdStudio



2011 Client Profile and Service Delivery



2011 Service Delivery Achievements

- Provided educational programs for 1000 students
- Provided 37 residential programs & 3 day trip programs
- Pleasing Teaching & Learning Audit results –1 Outstanding, 6 Highs, 1 Medium
- Supported 33 Earth Smart Science schools in developing their School Environmental Management Plans & with PD

Explicit Improvement Agenda	Teaching and Learning Audit recommendations actioned with explicit centre strategies focussed on improvement	.	.	😊
Culture that Promotes Learning		.	.	😊
Analysis & Discussion of Data	Develop data capture to measure the impact of all 3 modes of service delivery	.	😊	.
Targeted Use of School Resources	Consolidation of OneSchool as an operational environment for centres as appropriate.	.	😊	.
Expert Teaching Team	Implementation of Individual Developing Performance Plans for administrators and teaching staff	.	.	😊
Systematic Curriculum Delivery	Aligning our unique O&EE programs with the Australian Curriculum (Science)	.	.	😊
Differentiated Classroom Teaching	Maintaining & expanding a sustainable level of service delivery across all 3 models of teaching & learning: Destination, Expert & Partnership	.	.	😊
Effective Teaching Practices		.	.	😊

2012 Service Delivery Targets & Improvement Agenda

- Provide educational programs for 1500 students
- Provide 40 residential programs & 3 day trip programs
- Achieve excellent teaching and learning audit results
- Support final cohort of 25 Earth Smart Science schools

Implement the Australian Curriculum in Science & History, the general capabilities, and integrating sustainability & indigenous priorities			😊
Complete resource purchases to support embedding of digital technologies in curriculum units		😊	
Support the final cohort of 25 ESS schools in developing their SEMP & continue support for the other 63 ESS schools		😊	
Maintain & develop partnerships with other agencies with environmental education for sustainability objectives		😊	
Purchase class set of learner response devices & design sets of questions to collect data on student responses		😊	
Upgrade Centre website		😊	
Update performance development plans for all staff members		😊	
Review pedagogical practices as part of active participation in ARC UQ/ OEECPA research project		😊	
Better manage work-life balance by reviewing TOIL/ ADO balances at least once a term and scheduling access to time off			😊