

Lockhart State School



Environmental Management Plan

From: Nov 2012 To: Feb 2014

Last Modified: 21/11/2012

Written by:

Neil Duffy John Harrigan

Lockhart State School

Address: Puchewoo Street, Lockhart, QLD 4871

Phone: (07) 4083 3888, Fax: (07) 4083 3800

Queensland Sustainable Schools

<http://www.sustainableschools.qld.edu.au>

About Lockhart State School

Principal's statement

This document will formalise and set as policy the school's programs and actions toward sustainability and environmental management.

Vision/mission statement

The school is a National Partnership School and has developed a strategic plan to guide its journey. Our key priorities are;

Literacy and Numeracy - Improving student outcomes in all aspects of Literacy and Numeracy - with a particular focus on Reading. Student Attendance - A continued focus on increasing student attendance and promoting benefits and incentives throughout the community. School Wide Positive Behaviour Support - Improvements in student behaviour will link directly to improved student outcomes across all areas. Connecting with Community and Culture - Ensuring local culture and traditions are embedded in the curriculum by connecting with elders and other agencies in the community to ensure that all students have been exposed to their history, culture and languages.

Management and planning priorities

KEY PRIORITIES TO BE ADDRESSED

- LITERACY AND NUMERACY IMPROVEMENT- the formation of teams of staff to deliver intensive literacy and numeracy tuition on a daily basis to students that is data driven and with a focus on the individual learning needs of each student with the pedagogy inclusive of ESL strategies. The appointment of a Literacy Coach and Reading Teacher to target specific Literacy needs within the school. Individual student learning profiles which will inform the teaching and learning programme with teachers accountable for their students' learning. Increased teacher and teacher aide professional learning and coaching by Deputy Principal and Literacy and Reading coach which will ensure best practice pedagogies. Dedicated Numeracy and Literacy blocks each day.
- IMPROVING STUDENT ATTENDANCE- focus on engagement through the Regions Every Day Counts Strategy. The engagement of a Community Support and Student officer with focus on attendance and increased community participation within the school. The provision of alternative learning pathways for 'at risk' students. A curriculum renewal which focuses on engaging and relevant learning experiences.
- SECONDARY PATHWAYS- case managed Year 8-12 focus on disengaged High School students in the community with the objective of returning students to their respective High Schools through the provision of increased community liaison and engaging and relevant learning activities.
- CONNECTING WITH COMMUNITY AND CULTURE-Adoption of a professional learning community paradigm to underpin educational renewal that provides the framework to ensure on going community consultation and participation in decision making, performance monitoring and evaluation and strategic planning. Connecting with elders and other agencies within the community to ensure all students have been exposed to their history, culture and languages.
- SCHOOL WIDE POSITIVE BEHAVIOUR SUPPORT- implementation of school-wide positive behaviours

School profile and background

Lockhart State School is a very remote indigenous school situated in the community of Lockhart River on the Eastern Coast of Cape York Peninsula. The population is approximately 600 people. The community is comprised of five coastal and inland diverse language groups. Lockhart students are fluent speakers of Lockhart Language which is the traditional language, English is a second language.

Our school is comprised of 117 students from Pre-Prep to Year 12 located at Lockhart River on the East Coast near the top of Cape York Peninsular. When the roads are open the journey usually takes around 11 hours to drive to Cairns. The school is located in a very remote part of Queensland. The area has considerable cultural diversity and traditions which are embedded in the curriculum.

We cater for a diverse student cohort, with students who have cultural ties to communities across Cape York and beyond.

Lockhart State School has a number of support facilities for students, including a new Resource Centre to provide a better library and enhanced ICT access.

About the local environment and community

The term 'Sandbeach' or Pama Malnkana, means 'people of the sand beach' which gives common identity to the inhabitants of this region. The area is one of pristine beauty with the mountains of 'Iron Range' sweeping down to the golden sands of Quintel Beach from where the locals launch their fishing boats. The population is very friendly and warmly welcomes new teaching staff into their community. Many of the teachers are beginning teachers who have committed themselves to the challenge of living in a very remote community for two years. The school is developing an attendance strategy that promotes "everyday counts". Lockhart River State School is founded upon a positive caring environment, high expectations for teaching and learning, uniform and behaviour, innovative and individual learning pathways and high levels of student support. The school uses the Responsible Behaviour Plan for students and the students are taught the core values of Respect for Self, Others and Environment. Guidance Officers ensure that all students are fully supported while they are at school. With many opportunities for parents and staff to meet and discuss student learning progress.

Lockhart State School is a very remote indigenous school situated in the community of Lockhart River on the Eastern Coast of Cape York Peninsula. The population is approximately 600 people. The community is comprised of five coastal and inland diverse language groups. Lockhart students are fluent speakers of Lockhart Language, know traditional language and are English as a Second Language Learners with the Linga franca of the community being Lockhart way. Lockhart River was formerly a mission established in 1924 at 'old site' before moving to the present location in 1971 with the formation of the Lockhart River Council in 1987. The community is presently under an Alcohol Management Plan with zero alcohol permitted. The local Lockhart River Art Gang is a sustainable enterprise which involves artists working in the local community. Most employment opportunities are generated by the Council with contributions from the Community Development Employment Programme. The students of the school are keen learners with considerable sporting and athletic abilities. The community is comprised of five coastal and inland diverse language groups. Lockhart students are fluent speakers of Lockhart Language which is the traditional language, English is a second language.

Many of the teachers are beginning teachers who have committed themselves to the challenge of living in a very remote community for 2 years.

In addition, the school has adopted a strong behavioural philosophy, based on respect.

Environmental education achievements

Significant power reductions through the powersavvy program
Reef Guardian and Tangaroa Blue beach clean up initiative
Follow up programs including environmental themed priority 'Weeks'

This plan fits into whole school planning through the following:

- Reported on in the school annual report
- Integrated with relevant school policies
- Integrated with school administration and management procedures
- Integrated with curriculum programs
- Links to extra-curricular activities for students

Environment team

- Name: Powersavvy team of key teacher and students, Reef Guardian
- Number of people: Varied depending on goals and activities, eg Chilli Beach clean up as whole school activity
- The team includes:
- Teachers
 - Parents and Citizens/friends association
 - Administration and support staff
 - School Principal
 - Students
 - Community members
 - Council staff

On a needs basis, for example when powersavvy week or beach clean up is an initiative key teachers and student teams are organised to take actions

Photo gallery

Our school



Our principal

Our local area



Our school environment team

Our school achievement



About this plan

Environmental vision

Lockhart River State School is a powersavvy School and this program is delivered in partnership with Ergon and ensures that all staff and students are educated in power saving measures.

The school is committed to developing sustainable practices within the context of school priorities, policy and procedures.

Focus area goals

Across the focus areas the goals of this plan are:

Curriculum, Teaching and Learning

The school plans to integrate environmental sustainability units of work into the curriculum, including eg, powersavvy and Reef Guardian

See also - 2012 Reef Guardian Action Plan document

Management of Resources Energy, Waste and Water

Continue the powersavvy initiative and work toward reduced energy consumption

Monitor and manage waste and water as appropriate within the school context, raise awareness about issues involved

Management of School Grounds including Biodiversity

Monitor and manage litter within grounds, use of appropriate bins and 'bin beautification', raising awareness through regular clean ups - school and community

Increase biodiversity of school and local habitats, maintain and manage school grounds and gardens

Integrated Whole School Planning

Integrate SEMP into whole school planning process including periodic review

School and Community Partnerships

Involve P&C and community members as appropriate in environmental based programs and activities, including updates/information through school newsletter/parade, cross promotion and partnerships eg Reef Guardian

Celebrating progress

Our school will celebrate progress by:

- Awards or badges for those involved
- Reported in the school annual report
- Promoted at school assemblies
- Relevant displays and events at school

Actions

Issue:	Reducing Power Consumption through Powersavvy initiative A partnership exists between Lockhart SS, community, Earth Smart Science and Powersavvy to deliver a widespread program to develop energy saving practices
Outcome:	School and community wide energy savings from diesel generated power and strategies to maintain
Indicators:	Energy consumption data and costs, school and community adoption of Powersavvy practices, attitudinal and behavioural change
Overall timeframe:	2012 and continuing

Action	Project management
Develop and implement powersavvy Science unit as appropriate within school curriculum	
Timeframe	2012 and continuing as needed
Resources	Powersavvy program, Teacher unit and activity package
Responsibility	Powersavvy and key teachers
Monitoring procedure	Powersavvy program, Trialing, Unit assessment items, Final Report
Provide Audit information and recommend strategies at school level	
Timeframe	2012 initially and followed up as on ongoing measure
Resources	Powersavvy funding and personnel, EQ Facilities, ESS program
Responsibility	Government agencies including EQ and Powersavvy
Monitoring procedure	Established reporting procedures, Usage data through Q Govt. sources, eg solarschools.net
Incorporate powersavvy into relevant school documents	
Timeframe	Semester 2 2012
Resources	College and campus based, ESS facilitator
Responsibility	ESS facilitator, Key Teachers
Monitoring procedure	Gathered through reporting and reviewing processes and frameworks
Deliver shared Powersavvy unit and strategies to community and school eg. Powersavvy Energy Savings Proposal	
Timeframe	2012 and reinforcement as needed
Resources	Powersavvy and school based
Responsibility	Powersavvy field officers and staff, relevant school based personnel
Monitoring procedure	As per Powersavvy data collection and reporting

Actions

Issue:	Planning and Maintaining Reef Guardian program Continued development of existing programs to consolidate and ensure it is reaching all relevant school community, and that it is maintained
Outcome:	Programs and activities in place throughout the year, recognised as a part of school policy
Indicators:	Engagement of students, Schools and Community in ongoing programs, dissemination of results and records
Overall timeframe:	Ongoing, engaged at different points in the year

Action	Project management
Activities will be developed and coordinated with appropriate curriculum links;	
Timeframe	Ongoing
Resources	School and Reef Guardian program based
Responsibility	Key teachers and R G officers
Monitoring procedure	School and Reef Guardian reporting and review processes
Focus area related activities to be set eg, Chilli Beach Clean Up Day	
Timeframe	2012 and ongoing
Resources	School, Reef Guardian and community based
Responsibility	Reef Guardian officer and appropriate school personnel
Monitoring procedure	Regular reporting and documenting on appropriate events
Focus area related activities to be set and undertaken at various times in the school calendar	
Timeframe	2012 and continuing
Resources	School, community and R G program based
Responsibility	Key teachers and school personnel, GBRMPA and community members
Monitoring procedure	Regular reporting and documenting on appropriate events
Incorporate existing documents and add as appropriate SEMP issues and actions as a foundation for activities	
Timeframe	2012 and ongoing
Resources	School based documents including SEMP
Responsibility	School personnel and R G officer
Monitoring procedure	School and R G reporting and review processes
Refer to and utilize community groups as appropriate within related activities	
Timeframe	2012 and continuing through program
Resources	Coordination of school, R G and community groups
Responsibility	Key school personnel liaising with stakeholders
Monitoring procedure	Reporting to P&Cs and community, liaising with relevant authorities

Community and environment network

These organisations will join in our environmental meetings and activities:

Organisation	Type of assistance
Powersavvy - Ergon Energy Contact details: Ergon Energy Cairns	School and community support for power saving
Lockhart River Shire Council Contact details: 4060 7144	Community based support
Lockhart SS P&C Contact details: via Lockhart SS	School program and activity support

Evaluation

The evaluation outlines the schools achievements in each focus area.

Curriculum

Goals: The school plans to integrate environmental sustainability units of work into the curriculum, including eg, powersavvy and Reef Guardian
See also - 2012 Reef Guardian Action Plan document

Reducing Power Consumption through Powersavvy initiative	
Action	What was achieved?
<ul style="list-style-type: none"> Develop and implement powersavvy Science unit as appropriate within school curriculum 	<ul style="list-style-type: none"> Powersavvy units developed and in place, being utilised as relevant

Planning and Maintaining Reef Guardian program	
Action	What was achieved?
<ul style="list-style-type: none"> Activities will be developed and coordinated with appropriate curriculum links; 	<ul style="list-style-type: none"> Ongoing program development and activities

Resource Management

Goals: Continue the powersavvy initiative and work toward reduced energy consumption
Monitor and manage waste and water as appropriate within the school context,
raise awareness about issues involved

Reducing Power Consumption through Powersavvy initiative	
Action	What was achieved?
<ul style="list-style-type: none"> Provide Audit information and recommend strategies at school level 	<ul style="list-style-type: none"> Audits carried out by Ergon of school facilities and appliances, actions taken. Significant savings as a result

Planning and Maintaining Reef Guardian program	
Action	What was achieved?
<ul style="list-style-type: none"> • Focus area related activities to be set eg, Chilli Beach Clean Up Day 	

Grounds Management

Goals: Monitor and manage litter within grounds, use of appropriate bins and 'bin beautification', raising awareness through regular clean ups - school and community
 Increase biodiversity of school and local habitats, maintain and manage school grounds and gardens

Planning and Maintaining Reef Guardian program	
Action	What was achieved?
<ul style="list-style-type: none"> • Focus area related activities to be set and undertaken at various times in the school calendar 	<ul style="list-style-type: none"> • School and community clean ups taking place. Chilli Beach Clean Up a school and community effort and success

Whole School Planning

Goals: Integrate SEMP into whole school planning process including periodic review

Reducing Power Consumption through Powersavvy initiative	
Action	What was achieved?
<ul style="list-style-type: none"> • Incorporate powersavvy into relevant school documents 	<ul style="list-style-type: none"> • Issues and actions documenting powersavvy program are in place in the SEMP

Planning and Maintaining Reef Guardian program	
Action	What was achieved?
<ul style="list-style-type: none"> • Incorporate existing documents and add as appropriate SEMP issues and actions as a foundation for activities 	<ul style="list-style-type: none"> • Reef Guardian actions in place through SEMP and R G Action Plan document

School Community Participation

Goals: Involve P&C and community members as appropriate in environmental based programs and activities, including updates/information through school newsletter/parade, cross promotion and partnerships eg Reef Guardian

Reducing Power Consumption through Powersavvy initiative	
Action	What was achieved?
<ul style="list-style-type: none"> • Deliver shared Powersavvy unit and strategies to community and school eg. Powersavvy Energy Savings Proposal 	<ul style="list-style-type: none"> • Community based meetings held, local powersavvy officers and P&C involved. Reports and reinforcement through school activities and Ergon records

Planning and Maintaining Reef Guardian program	
Action	What was achieved?
<ul style="list-style-type: none"> • Refer to and utilize community groups as appropriate within related activities 	<ul style="list-style-type: none"> • Selected community involvement evident in R G activities