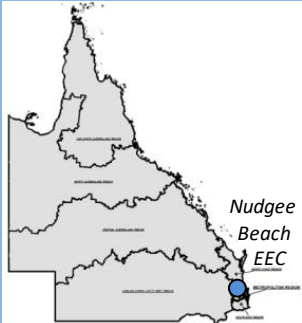


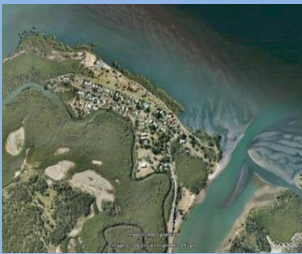
# Nudgee Beach

# Environmental Education Centre

## 2018 Annual Report



Metropolitan Education Region



### EMPOWERING KEEPERS OF THE WETLANDS

Students that visit NBEEC are challenged to become environmentally and culturally aware; to be empowered for the future as keepers of the wetlands.



**NUDGENE BEACH**  
environmental education centre



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By delivering curriculum relevant Programs we will enhance students' understanding of our past, present and future.

### Where is Nudgee Beach Environmental Education Centre?

Nudgee Beach Environmental Education Centre (NBEEC) is situated in the suburb of Nudgee Beach, 19 km from the centre of Brisbane city. The area around Nudgee Beach includes the Bramble Bay section of the Moreton Bay Marine Park, the Boondall Wetlands Reserve to the north and west, and the Kedron Brook Floodway and Brisbane Airport to the south.

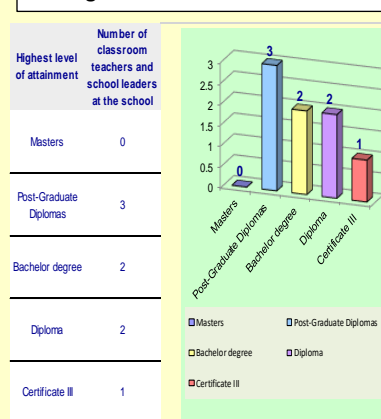
### 2018 Staff

- Teaching Principal – Band 6
- 2.4 FTE Teachers (.4 Centre Funded)
- 1.2 FTE Unit Support Officer (.2 Centre Funded)
- 1 FTE Business Manager (.15 Centre Funded)
- .4 FTE Admin Officer (Centre Funded)
- Cleaner
- **Staff Attendance:** 91.9%
- **Staff Retention:** 100%

Total head count 9

Work Cover Claims Lodged: 0

### Highest Level of Attainment



### Focus of Professional Development for 2019

- 2019 Well-being workshop
- Assessment in the Early Years
- Age Appropriate Pedagogy
- Senior Schooling Curriculum implementation implications – Geography & Biology
- Administratively the focus was on training to support survey and data collection
- Chemical Management of site

### Staff Opinion Survey Data

	2016	2017	2018
I enjoy working at this school	100 %	100 %	100 %
I feel that this school is a safe place to work	100 %	87.5 %	100 %
Students are encouraged to do their best at this school	100 %	100 %	100 %
Student behaviour is well managed at this school	100%	100%	100%
This school looks for ways to improve	100 %	100 %	100 %
This school takes staff opinions seriously	88.9 %	87.5 %	100%



## Facilities

- General Learning Area
- 8 Canadian canoes
- A 24 seater Coaster bus
- The Back of House Aquatic Tanks



## Environmental footprint indicators, 2017-2018

	Electricity (Kwh)	Water (KL)
2017	8,794	19
2018	14,267	80
% change 17-18	+ 62 %	+ 421 %



## Destination Programs

The “Keepers of the Wetlands” underlying themes developed for each year level, emphasises a message of one of the three pillars – Sustainability or Aboriginal and Torres Strait Island Perspectives, History and Culture or Biodiversity. This is intertwined with the Science, Geography or History units from the Australian National Curriculum. As the Australian National Curriculum has changed, so too have the Centre programs which are modified to align with the updates. The Centre continues to support students from Prep to Year 12.

In 2018-2019 the Centre programs have been aligned to the Australian National Curriculum v.8. Like classroom teachers our program connections to C2C materials have been reduced as classroom teachers have moved away from a heavy reliance on these resources.

## Expert Programs

Deadly Science - Senior Secondary student Vocational Education and Training Programs.

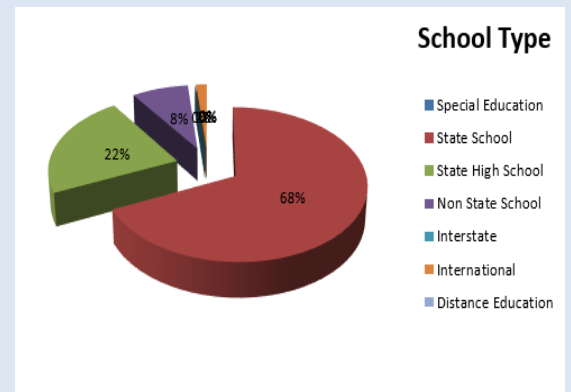
2018 was the first year that our “Deadly Science” cohort completed the Cert II qualification- Conservation and Land Management course in one Semester. Cert II- Foundations Skills for Work was completed separately across Terms 1, 2 and 3. Nudgee Beach EEC staff supported this course at other Centres under the OEST-RTO’s direction, helping Centre’s engage with their local clients. NBEEC staff worked with Bamaga students in Daradgee in 2018 delivering a Cert II- Skills for Work and Vocational Pathways.

2019 Deadly Science will be delivered as a Cert II Conservation and Land Management in Semester One, and if required a Cert II Skills for Work and Vocational Pathways as a short course in Term 3.

## Partnership Programs

The Centre continues to be an active member of the Science Colloquium Dinner coordinating and financially managing the successful annual event.

## 2018 Visitation by Education Sector





## How Information and Communication Technologies are used to assist learning

Centre technology is continually updated and extended. As part of the Centre ICT agenda Nudgee Beach EEC's digital microscope is used across a number of programs. Data loggers support students in senior Science and Geography programs for both transects and water quality testing. iPads for student usage in the field as well as in our Deadly Science classroom allows students to have access to iBooks for transects, water quality monitoring and ID apps. They are also used for photography and to capture data. Whiteboards, voice recorders, GPS and other tools to support communication are available to assist teaching and learning at the Centre.

### Regional Breakdown of Visiting Students

Education Region	Student Numbers	Hours of Student Instruction	Student Percentage
Far North Queensland	125	875.00	1.81 %
North Queensland	0	0.00	0.00 %
Central Queensland	26	104.00	0.38 %
North Coast	703	2812.00	10.17 %
Metropolitan	5920	23670.00	85.67 %
South East	0	0.00	0.00 %
Other	80	320.00	1.16 %
<b>Total</b>	<b>6910</b>	<b>28005</b>	

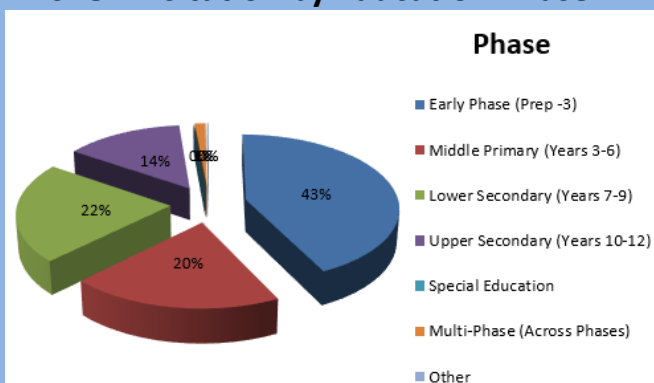


### Centre Profile and Service Delivery



Education Phase	Student Numbers	Hours of Student Instruction	Student Percentage
Early Phase (Prep -3)	2954	11496.00	42.75 %
Middle Primary (Years 3-6)	1371	5484.00	19.84 %
Lower Secondary (Years 7-9)	1516	5512.75	21.94 %
Upper Secondary (Years 10-12)	969	5101.95	14.02 %
Special Education	0	0.00	0.00 %
Multi-Phase (Across Phases)	88	362.00	1.27 %
Other	12	48.00	0.17 %
<b>Total</b>	<b>6910</b>	<b>28005</b>	

### 2018 Visitation by Education Phase



## Social Climate (Supportive Learning Environment)

Nudgee Beach EEC operates under the belief that for effective teaching and learning to occur appropriate relationships must be developed and maintained within the learning and natural environment. Each individual (teacher and learner) has personal rights and responsibilities which affect their relationships with others within their environment. The common goal is to support a learning environment which provides optimal learning and development for all.



### Centre Income

School income broken down by funding source		2017	2018
Revenue code	Description	Income	Income
100100	Agricultural & Marine Studies Grant	16,000.00	15,360.00
101800	EEC/OEC Visitation Fees	54,271.00	65,752.00
102000	Environmental/ Outdoor Education Centre Grant	17,828.00	29,639.00
102400	Grounds Equipment Replacement Grant	700.00	700.00
102800	Hire of Facilities	100.00	100.00
103000	ICT School Grant	9690.00	12,554.00
103400	Interest	7,532.42	7,374.00
103800	Learning and Development Grants	-	1,386.63
104300	Minor Works Grant	5308.00	5,560.00
104900	Other Revenue	5,297.99	3,364.00
104916	Deadly Science- Student Contributions	2,400.00	-
104919	Deadly Science – Schools Contribution	8,100.00	3,900.00
104921	International Students Revenue	1,671.23	3,658.43
105000	P&C Contributions	-	801.28
107700	Staffing Resource Conversion Grant	-	19,387.80
108400	Teacher Relief Scheme Grant	8,953.75	9,005.00
108800	Utilities - Facilities	6,070.00	6,686.00
108900	Telecommunications	4,321.83	4,884.34
110600	Cleaning Non-Labour	821.65	806.10
111100	Great Results	5,000.00	5,178.00
<b>Total</b>		<b>\$165,939.87</b>	<b>\$196,096.58</b>

### Centre and PD Achievements for 2018

- 12 Indigenous students from five high schools completed a Cert II in Conservation Land Management.
- 7 Students from across 2 high schools completed a Cert II Foundation Skills in Term 3.
- Staff re-accreditation of Cert 4 in Teaching and Assessment.
- Teaching staff attendance at the National AAEE Conference



### Continuing in 2019

- Cert II Conservation and Land Management course (CaLM) 6 month delivery
- Cert II Foundation Skills short courses
- Connection with Centres and EE Community

### Explicit Improvement Agenda 2019

- Assessment imbedded within Centre Programs
- Exploring Reporting options for Centre

