



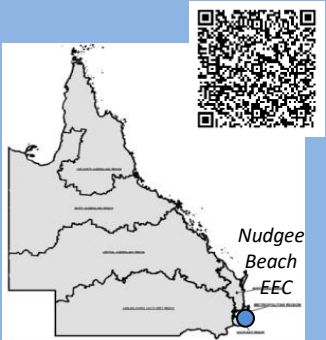
Nudgee Beach Environmental Education Centre 2020 Annual Report



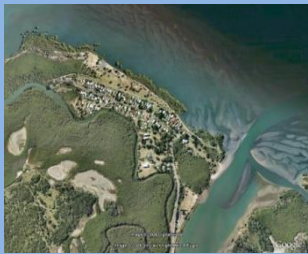
Students that visit the Centre are empowered and challenged to become Nature Scientists. By delivering curriculum relevant programs, we will enhance students' curiosity in, and knowledge of the natural world.

1588 Nudgee Rd, Nudgee Beach 4014 Ph: (07) 3267 7811

Email: admin@nudgeebecheec.eq.edu.au Website: www.nudgeebecheec.eq.edu.au



Metropolitan
Education Region



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.

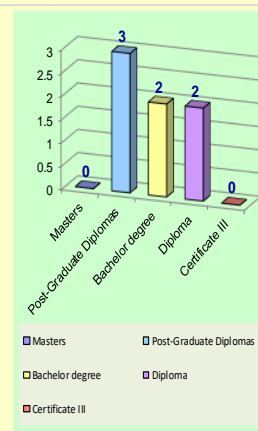
2020 Staff

- Teaching Principal – Band 7
- 3.2 FTE Teachers (.8 Centre Funded)
- 1.3 FTE Unit Support Officer (.2 Centre Funded)
- 1 FTE Business Manager (.15 Centre Funded)
- .2 FTE Admin Officer (Centre Funded)
- 2 Part time cleaner
- **Staff Attendance:** 93.3%
- **Staff Retention:** 93.8%

Total Staff: 12

Highest Level of Attainment

| Highest level of attainment | Number of classroom teachers and school leaders at the school |
|-----------------------------|---------------------------------------------------------------|
| Masters | 0 |
| Post-Graduate Diplomas | 3 |
| Bachelor degree | 2 |
| Diploma | 2 |
| Certificate III | 0 |



Focus of Professional Development for 2021

- Hosted Metro EEC's annual mini conference- First Aid.
- Essential classroom skills & Classroom Profiling Level 1 & 2
 - Social media training
- Continued grounds development to

Actual vs potential instruction

| | | 2018 | 2019 | 2020 | |
|-----------|------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|--------------|--------------|
| Potential | Actual | students | 28005 | 26563 | 23619 |
| | Headline indicator potential; (department funded teachers#) | weeks | 37 | 37 | 37 |
| | | hours | 17.5 | 17.5 | 15 |
| | | group sizes | 20 | 20 | 22 |
| | | teacher # | 2 | 2 | 2 |
| | | Instructors | 0 | 0 | 0 |
| | | Maximum | 25900 | 25900 | 24420 |
| | Department & centre funded teachers (for information only. This data is not used to calculation of the headline indicators.) | weeks | 37 | 37 | 37 |
| | | hours | 17.5 | 17.5 | 15 |
| | | group sizes | 20 | 20 | 22 |
| | | teacher * | 2.8 | 2.5 | 2.4 |
| | | Instructors | 0 | 0 | 0 |
| | | Maximum | 36260 | 32375 | 29304 |



Facilities

- Inside & outside learning spaces
- 8 Canadian canoes
- A 24-seater Coaster bus
- Back of House Aquatic Tanks
- Tennis court available for community use



Environmental footprint indicators, 2019-2020

| | Electricity (KwH) | Water (KL) |
|------|------------------------|------------|
| 2019 | 14,015 | 203 |
| 2020 | Still waiting for Data | |
| | | |

Destination programs

The Centre continues to support students from Prep to Year 12.

Term 1 was business as usual with a significant increase in senior secondary programs delivered by centre staff mainly senior biology but several geography programs planned for the year. Lockdown learning support included the development of videos to support learning in prep to year 5. The take up was across the state with phone calls from teachers as far as Childers to access the materials developed. These are hosted on the learning place and will require moving to the new platform in 20221. Term 3 always the busiest at the centre went ahead as planned with classes at most schools permitted to attend the centre. Incursions occurred for a small number of schools upon request.

Expert Programs

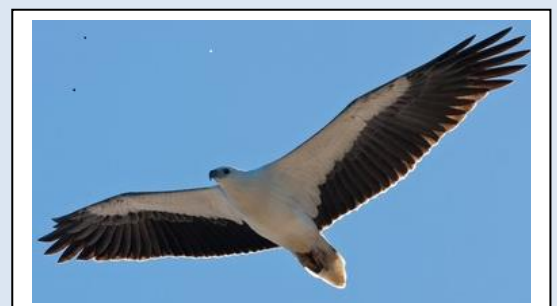
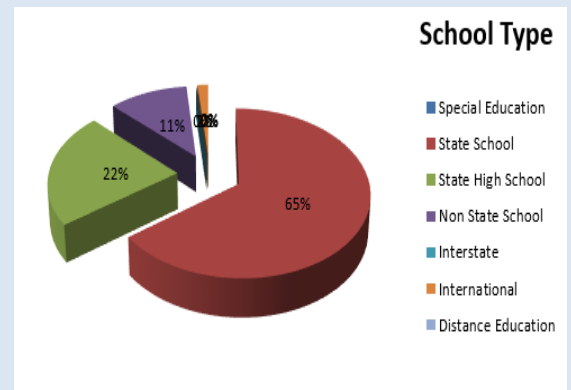
Deadly Science - Senior Secondary student Vocational Education and Training Programs.

The course commenced in February but due to COVID students were not able to attend from the end of March. This meant that they had not completed 50% of the required time. Individual learning plans and booklets delivered to each participating student. As senior students came out of lockdown the Centre staff moved the course to be delivered on the relevant school sites across the remainder of term 2 extending into term 3. This had mixed support from participating schools and only 2 students from the original 9 students were awarded their certification at the end of the year. It is anticipated that an additional 3 students will complete with the 2020 cohort. This year 2021, this program will be delivered in blocks to allow for possible disruption of learning should it occur again. Unfortunately, support for remote cohorts was also limited during 2020.

Partnership Programs

The Centre's most significant partnership with the Universities to coordinate the annual Science Colloquium dinner although planned was cancelled due to COVID 19. Preparation for the 2020 event is already well underway with a new admin assistant employed to support the event. Progress with the Brisbane City Council concerning joint signage to support wader bird conservation on the foreshore is progressing following a significant win for conservation with the area returned to a controlled dog beach. Protecting birds, children and the environment. The Alex Fraser group have again approached the centre to support the Centre. This will take the form of sponsorship of the Vocational Education program.

2020 Visitation by Education Sector



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

The Centre purchased an additional 15 laptops in 2020 for student use. Increased usage of data loggers and additional data monitoring devices have been purchased to support students in senior Science and Geography programs, for both transects and water quality. iPads loaded with identification apps are also part of the program support for student usage in the field as well as in our “Deadly Science” classroom. Current uses for the iPads include; iBook’s for transects and water quality monitoring, ID apps, the ability to use the iPad for photography and data capture across a number of the Centre’s secondary programs, including the Year 7 “selfie challenge”. Whiteboards, voice recorders, GPS and other tools to support communication are available to assist teaching and learning at the Centre. 2021 has seen the introduction of iPads to record students’ authentic voice. Students use iPads to record their responses to the learning goals for the day.

Regional Breakdown of Visiting Students

| Education Region | Student Numbers | Hours of Student Instruction | Student Percentage |
|-------------------------|-----------------|------------------------------|--------------------|
| Far North Queensland | 0 | 0.00 | 0.00% |
| North Queensland | 0 | 0.00 | 0.00% |
| Central Queensland | 6 | 27.00 | 0.11% |
| North Coast | 863 | 3799.00 | 15.62% |
| Darling Downs | 0 | 0.00 | 0.00% |
| South West Metropolitan | 4515 | 19208.20 | 81.72% |
| South East | 141 | 584.50 | 2.55% |
| Other | 0 | 0.00 | 0.00% |
| Total | 5525 | 23619 | |

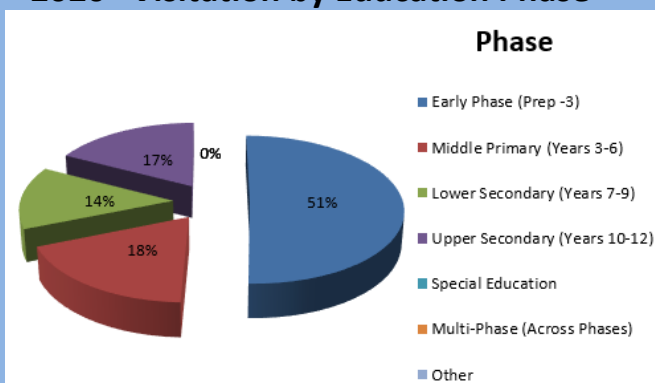


Centre Profile and Service Delivery



| Education Phase | Student Numbers | Hours of Student Instruction | Student Percentage |
|-------------------------------|-----------------|------------------------------|--------------------|
| Early Phase (Prep -3) | 2792 | 11585.50 | 50.53% |
| Middle Primary (Years 3-6) | 1014 | 4388.00 | 18.35% |
| Lower Secondary (Years 7-9) | 758 | 3353.20 | 13.72% |
| Upper Secondary (Years 10-12) | 961 | 4292.00 | 17.39% |
| Special Education | 0 | 0.00 | 0.00% |
| Multi-Phase (Across Phases) | 0 | 0.00 | 0.00% |
| Other | 0 | 0.00 | 0.00% |
| Total | 5525 | 23619 | |

2020 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 | | 2019 | 2020 |
|---------------------------------------------|-----------------------------------------------|---------------------|---------------------|
| Revenue code | Description | Income | Income |
| 100100 | Agricultural & Marine Studies Grant | 15,360.00 | 15,360.00 |
| 101800 | EEC/OEC Visitation Fees | 60,200.94 | 52,692.18 |
| 102000 | Environmental/ Outdoor Education Centre Grant | 29,209.00 | 29,600.00 |
| 102400 | Grounds Equipment Replacement Grant | 700.00 | 700.00 |
| 102800 | Hire of Facilities | 300.00 | 540.91 |
| 103000 | ICT School Grant | 12,869.00 | 16,036.00 |
| 103400 | Interest | 6,053.77 | 2,835.47 |
| 103800 | Learning and Development Grants | 462.21 | 0 |
| 104300 | Minor Works Grant | 5,819.00 | 6,096.00 |
| 104900 | Other Revenue | 6,477.86 | 9,297.52 |
| 104919 | Deadly Science – Schools Contribution | 1,500.00 | 0 |
| 104921 | International Students Revenue | 2,706.00 | 0 |
| 105000 | P&C Contributions | 855.67 | 1,500.00 |
| 107700 | Staffing Resource Conversion Grant | 10,680.96 | 366.00 |
| 108300 | Teacher Relief Scheme- Safety Net Grant | 3,538.07 | 0 |
| 108400 | Teacher Relief Scheme Grant | 9,071.13 | 9,189.32 |
| 108800 | Utilities - Facilities | 6,582.00 | 7,106.00 |
| 108900 | Telecommunications | 4,744.58 | 4,175.33 |
| 110600 | Cleaning Non-Labour | 795.00 | 1,189.07 |
| 111100 | Great Results | 5,362.00 | 5,496.00 |
| Total | | \$183,287.19 | \$162,179.80 |

Centre and PD Achievements for 2020

- Mini regional 2 day EEC conference held at Nudgee Beach – covering first aid, inclusive practices and catering for the gifted and talented student.
- Significant personal skills development to use online platforms, video conferencing with teachers, as well as creating and editing videos.



Explicit Improvement Agenda 2021

- *Analysis and discussion on Data*
Focus on devices and usage within programs
- *School and community partnerships*
Connection with the Brisbane City Council Centres and EE Community

