Investing for Success

Under this agreement for 2020
Bunyaville Environmental Education Centre will receive

$5,496*

This funding will be used to

<table>
<thead>
<tr>
<th>Target</th>
<th>Measures</th>
</tr>
</thead>
</table>
| 1. Collaborative research and design for the following new programs:  
  - Yr 11/12 Senior biology  
    Biodiversity and Interconnectedness Of Life and (BIOL)  
  - Yr 11/12 Senior geography  
    Responding to Land Cover Transformations (RLCT). | Baseline/endpoint:  
  Centre teachers:  
  - Identify the content and skills from the new QCE senior syllabi to include in the new biology and geography programs (late 2019, 2020).  
  - Implement their knowledge gained from:  
    - 2019 professional development at Toohey forest into the program designs;  
    - mentoring from an external science HOD; and  
    - content research.  
  - Collaboratively write each program based on their research findings above.  
  - Identify and purchase resources required to teach the new programs.  
Monitoring:  
  - Sought initial design feedback from QCE Geography writing team  
  - Collegial editing and feedback. |
| 2. Fund TRS days for Centre teachers to deliver the programs where necessary, to meet the booking demand for the these two mandatory field work programs.  
  Fund TRS days for the analysis of Classroom teacher and student pre- and post-surveys in inform program improvements. | Baseline/endpoint:  
  - Trial Biology Pracs 1 and 2 with targeted school Term 4, 2019.  
  - Deliver the programs to Senior Biology and Geography Yr11/12 students in Terms 1, 2, and 4, 2020.  
Comparison:  
  - Identify program adjustments for biology based on the Trial in late 2019.  
  - Classroom teacher pre- and post-surveys about whether the learning goals and mandatory practical requirements are achieved during the field visit.  
  - Student distance travelled from pre- and post-field visit surveys.  
  - Continue to improve the program by making adjustments based on classroom teachers’ feedback.  
Monitoring:  
  - Classroom teacher pre- and post-surveys  
  - Yr 11/12 student pre- and post-surveys |

*Funding amount estimated on 2019 data. Actual funding will be determined after 2020 enrolment data are finalised. Actual expenditure may vary due to changes in finalised 2020 enrolment data and student learning needs.
Our initiatives include

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Evidence-base</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre teachers:</td>
<td>• Classroom teachers share specific student information so Centre teachers can make adjustments to the program to achieve the best learning outcomes possible.</td>
</tr>
<tr>
<td>Provide face-to-face pre-visits for classroom teachers after school hours. Centre teachers collaborate with the classroom teachers to ensure the learning goals and mandatory practical requirements are achieved during the students' visit.</td>
<td>• The content of the field booklet is negotiated and refined to fit the curriculum intent.</td>
</tr>
<tr>
<td>Program feedback is collected from targeted Classroom teachers and students. Centre teachers analyse pre- and post-surveys to:</td>
<td>• Classroom teacher’s pre- and post-surveys 90-95% of classroom teachers agree the curriculum intent of the program was met;</td>
</tr>
<tr>
<td>- identify student distance travelled; and</td>
<td>• Yr 11/12 student pre- and post-surveys. 90-95% of students will have a deeper understanding of: Biology - measuring biodiversity and classifying ecosystems. Geography – the effects of land clearing on the forest eco-system and geographical techniques.</td>
</tr>
<tr>
<td>- identify areas for program improvements.</td>
<td></td>
</tr>
</tbody>
</table>

Our school will improve student outcomes by

1. Actions | Costs
---|---
Program design Resources | TRS x 2 $890 $156
Program delivery (21 days in total for 2020) Purchase of part-time Centre staff to work extra days or supply teachers to teach the programs. | TRS x 8 $3560

2. Actions | Costs
---|---
Analysing survey data from visiting students and classroom teachers. Programs delivery de-brief and improvements made based on feedback. | TRS x 2 $ 890

Debbie Ledger Principal Bunyaville Environmental Education Centre

Tony Cook Director-General Department of Education

*Funding amount estimated on 2019 data. Actual funding will be determined after 2020 enrolment data are finalised. Actual expenditure may vary due to changes in finalised 2020 enrolment data and student learning needs.