

# Investing for Success

## Under this agreement for 2016 Toohey Forest Environmental Education Centre will receive

**\$5,000\***

### This funding will be used to

- Engage with specialist providers from external agencies (e.g. Griffith University, CSIRO, Queensland Museum) with demonstrated skills / expertise (e.g. Ph.D. qualifications) in select STEM fields as a means of value adding to the learning experience provided to visiting students.
- Continue the focus to refine existing and develop new educational programs that specifically target students performing in the U2B or have demonstrated high performance in STEM subjects. These programs have links to (i) 'real world' STEM applications (ii) tertiary STEM study and career options.
- Continue to invest in specialist ICT's relevant to the teaching of STEM in middle secondary that (i) improves student engagement (ii) supports differentiation within visiting student groups.
- Delivery of select STEM professional development to (i) existing teachers (ii) undergraduate teachers focusing on content knowledge and pedagogy.

### Our initiatives include

- Continuation and expansion of the *STEM Horizons for High Achievers* program for years 6 and 9 in 2016, as well as the introduction of new activities for years 7 and 10.
- To support select schools to develop and deliver a cluster model for supporting G&T students in STEM fields.
- Involvement in STEM professional development events such as Cutting Edge Science, HOC / HOD networks etc.

### Our school will improve student outcomes by

Develop, in conjunction with select DET and external partners, new educational programs for G&T students – 8 x TRS (or equivalent)	\$3280
Following consultation with select HOC / HOD's and Metro 'STEM Champion', develop and implement select professional learning opportunities relevant to STEM fields – 4 x TRS (or equivalent)	\$1640
Consumables to support student program delivery and teacher professional learning	\$80



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