

Dear Parent of QACI Year 10 2017,

Students come to our Academy with a range of abilities in Mathematics and a diverse range of exposure to Mathematical concepts.

In Year 10 we are faced with the challenge of preparing students for an International Baccalaureate Mathematics course, which is not written with reference to the National Curriculum, and with students having vastly different prior knowledge.

To assist us in gathering information to support our diagnosis and planning for Year 10, 2017 we ask students to complete a booklet of work. Please find attached this booklet "A Look into Mathematics". This information is available on the Academy website in the 'enrolment information for new students' under the 'for parents' section. [www.qaci.eq.edu.au](http://www.qaci.eq.edu.au).

This booklet contains questions that are intended to identify concepts from previous courses of study that may need to be revised.

Students have the opportunity to consolidate mathematical skills and knowledge in numbers and algebra, measurement and geometry, statistics and probability. Students are encouraged to look at these exercises, and identify any gaps in their understanding. During the first week of classes all students will sit a diagnostic test. This will give the classroom teacher an insight into which skills are done well and which are not. Should you require additional information please contact our Head of Department, Mr Liam Clifford at [lgcli0@eq.edu.au](mailto:lgcli0@eq.edu.au).

*Texas TI Inspire NON CAS Calculator / Software*

The Texas TI Inspire NON CAS Calculator is an International Baccalaureate Mathematics requirement and the cost of the calculator is \$200. To ensure the best possible preparation for your student's maths journey in 2017, purchase your graphic calculator from Client Services by Friday 21<sup>st</sup> January, 2017.

During Week 1, the calculator software (which comes with the calculator) will be installed on your child's laptop and your child's name will be engraved on the calculator to assist with identification. The Academy will keep a database of the licence numbers that are issued with the calculators and we will arrange for an extended three (3) year warranty on them. The calculators will then be issued to students in week 3 of the first Academy term.

Thank you for your assistance with the above and we look forward to working with you and your child in their Mathematical journey at QACI.

Yours faithfully,  
The Mathematics Team  
Queensland Academies Creative Industries Campus