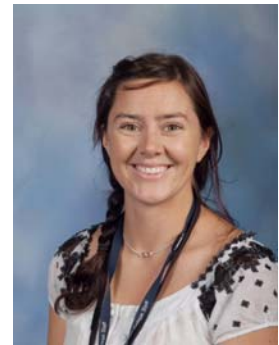


MATHEMATICS



Miss Louise Keating
Director of Mathematics

During 2010 the Mathematics faculty had 42 staff from Years 5 to 12 involved in teaching Mathematics. Adding to the strong base curriculum 2010 saw the College involved in some additional schemes:

ICT Initiatives

The Mathematics faculty continued to utilize the resource 'mathletics' within our Middle Schools. This online resource is used as a supplement, homework tool, test creator, extension and remedial support tool and more. Teachers use the resource on a weekly basis and it has proven to be an engaging means of connecting students with mathematics through the digital world. Student's skills are enhanced through the motivational nature of this program.

This year all students from Years 8 to 12 were given an account with 'mathsonline', a resource developed by Australian mathematics teachers. This was used to support the strong teaching and learning occurring in classrooms by providing students with online tutorials and support, as well as additional skills and analysis based tasks.

The purchase of interactive white boards has added a new dimension to the tools of teaching used in the Mathematics faculty. Staff embarked on a learning curve with this exciting technology, and the benefits of engagement amongst both staff and students has been evident. As confidence and competence progress the benefits of this resource increase. Communities both within the College and externally have been formed, enhancing and enriching the teaching and learning experience .

Competitions and Excursions

This year in August, for the first time, five Year 11 students attended the Melbourne University to

compete in the annual Schools Mathematics Olympics. Christian College performed commendably and the lateral thinking of the students was certainly challenged.

Christian College entered two teams of 5 students from Year 10 into the Deakin University Mathematics Challenge. Students competed in six different challenges, combining skill and application to solve problems. Our students achieved excellently with Ned Vasey the 20th placed student overall. Our team worked well together for excellent results of 6th and 9th.

The Year 9 Mathematics Challenge elective group participated in the Engineering and Science Challenge at Victoria University, where they placed 3rd.

Senior School Courses

In 2010 several mathematical courses were on offer to students at the Senior School campus. 69 Year 10 students participated in the acceleration program Year 10 Advanced, studying the Unit 1 & 2 General Mathematics course. 15 Year 10 students were involved in a Modified Mathematics program.

49 Year 11 students completed the acceleration program Unit 3&4 Further Mathematics. Three Unit 3&4 courses were offered to students: Further Mathematics, Mathematical Methods and Specialist Mathematics.

The strong teaching and learning practices and the various engaging opportunities with the Mathematics faculty are attributed to the professionalism and commitment of Christian College staff.

Louise Keating
Director of Mathematics