MATHEMATICS DEPARTMENT

Mission Statement
As a faculty, our mission is to:

- Inspire and engage students so that they become confident and creative users and communicators of mathematics.
- Develop in each student the skills to enable them to investigate, interpret and analyse situations in their personal and working lives and as active citizens. We encourage them to ‘think about their thinking’.
- Help all students develop 'The Leader in Me' by encouraging them to take responsibility for their own actions and their own learning.
- Develop in each student an enjoyment and appreciation of mathematics and of lifelong learning.

Our Results
Our results have been consistently outstanding over many years. In 2013 we were placed 1st in the State in General Mathematics. Excluding selective schools, our HSC results in recent years have been as follows:

- 2013 - 11th in the State
- 2012 - 5th in the State
- 2011 - 7th in the State
- 2010 - 1st in the State
- 2009 - 3rd in the State

Extra Curricular Activities
Our students have the opportunity to participate in a variety of activities outside the classroom. These include the Investigating Mathematics competition run by the Mathematics Association of NSW, as well as the Da Vinci Decathlon and various other mathematics competitions and challenges.

We also run a “Puzzle of the Week” on our ‘iRock’ intranet, and everyone is welcome to try and solve the puzzles.

Enrichment
We have a policy of enriching and extending students at all levels where appropriate. Enrichment of students is encouraged within the classroom and many students participate in the Australian Mathematics Competition or the UNSW ICAS Competition annually.

Enrichment lessons are also run outside the classroom on a regular basis for talented students in Years 7-11. These lessons usually cover topics of interest which are not normally part of the Mathematics syllabus. Students from these classes are encouraged to participate in the Mathematics Challenge run by the Australian Mathematics Trust. Students may also be selected to participate in the HICES Mathematics Competition which our Junior team won in 2012.
Support
Students who have difficulty with Mathematics are provided with excellent support. Classes are kept very small for weaker students to allow for more individual attention. Special needs teachers visit these classrooms on a regular basis if required. Special programs can also be developed for individual students if necessary.

Students from any level of Mathematics may make appointments outside of class time with their teacher should they require assistance or more personal attention.

Special Events
A "Maths Day" is held biennially for Years 7 and 8. The aim of the day is to engage students in mathematics that is hands-on, fun and challenging. The activities encourage students to work mathematically within real-world scenarios.

Assemblies dedicated to mathematics are also held annually.

The Australian Curriculum
The new Australian Curriculum in Mathematics is being introduced into schools commencing from 2014. Our dedicated and highly trained staff is very well prepared for the changes that are required.