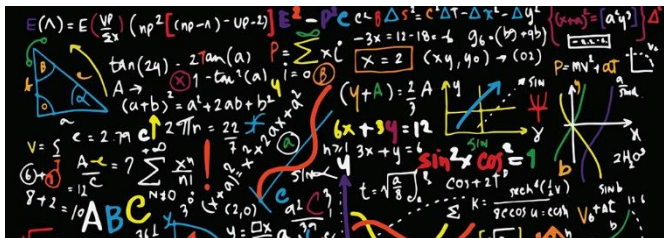


MATHEMATICS

Mathematics (Math) is for everyone, and it can be fun. Math is a whole new language that must be Morley SHS. The tenets of the Curriculum Framework are embedded in the teaching of Math at Morley. This is articulated by encouraging students to appreciate the role of Math in their own and others' communities.



and appropriate to the individual student's needs

There are ten teachers in the Math faculty, one of whom is a Canadian Exchange Teacher. All the Math teachers endeavor to make the Math experiences of the students as rich as possible. Investigations, problem solving, and projects are used to make Math as relevant

Every year a large number of students, from Years 8 to 12, sit the Australian Mathematics competition which is an Australian wide competition, with over 500, 000 students participating. This year, 196 Morley students sat the competition and we are eagerly awaiting the results because we generally do very well.

The Year 8 students were once again treated to the "World of Math". All of the activities are problem-based requiring a hands-on approach and the students need to work in groups.

The Year 12 "Modelling with Mathematics" students were involved in the ASX share market game via the internet as one of their projects.

The Year 11 Geometry and Trigonometry students attended a Surveying workshop at Curtin University conducted by the Department of Spatial Sciences.

The Years 8 and 9 students were invited to complete a problem-solving exercise to qualify for the 2008 After School Mathematics for Able and Gifted School students, run by Dr Norm Hoffman at Edith Cowan University.

The Advanced Year 10 and Year 11 Introductory Calculus students have been invited to apply for the January 2008 WA Science and Engineering Summer School at Murdoch University. Year the Faculty has embarked on improving the physical environment within the Lower School Math classrooms by replacing all damaged chairs and desk tops as well as replacing all blackboards with large Whiteboards. We intend painting the interior of the Lower school Math classrooms later in the year.

