This subject provides ongoing mathematical experiences which build on the knowledge, procedures and skills that students have already acquired. Its aim is to provide students with challenge and opportunity for intellectual growth consistent with their ability, experience and future life options.

In Year 10 there are two courses of study:

(i) **Maths for Living and Applied Mathematics** corresponds to Levels 4, 5 and 6 of the new syllabus

(ii) **Specialist Mathematics** corresponds to Level 6 and Beyond Level 6 of the new syllabus. It extends course (i) into advanced algebra and geometry.

All students will experience course (i) whilst the majority of students will be encouraged to take course (ii).

Strands covered in both courses include: Number, Measurement, Chance and Data, Algebra, Space and Working Mathematically.

In **Maths for Living**, learning experiences address the students’ needs for the mathematical knowledge and skills required to function in a rapidly changing world. In **Applied and Specialist Mathematics** a more abstract approach to Mathematics is adopted to increase students’ confidence in solving mathematical problems and to provide a basis for a wide range of further studies. **Specialist Mathematics** forms the foundation necessary for the study of Mathematics B and Mathematics C in the Senior school.

Assessment will involve written tests, assignments and project work. Individual study and learning beyond the scope of the semester work program is encouraged and provided by the use of the Maths Mate Program, and Mathematics competitions.

If you are uncertain which area of Mathematics your daughter should undertake in Year 10, please consult with her Year 9 teacher who will be able to provide guidance for you in this important decision. Further advice and information are also available from the Mathematics Co-ordinator.