



Foundation Mathematics

Description

The aim is to develop an understanding of mathematical concepts and apply skills to solve mathematical problems. Students should be able to demonstrate the skills necessary for employment or further study.

Students who have found it difficult to achieve satisfactory results in one or both semesters of Year 9 Mathematics should choose this course. The course will satisfy the requirements for VCAL Mathematics (Numeracy Skills – Foundation level) and leads to VCE Units 1 & 2 Foundation Mathematics or VCAL Mathematics (Numeracy Skills – Intermediate Level) at Year 11.

Unit Topics

Units studied will include topics chosen from the following:

- *The Mathematics of buying a car*
- *Collecting and Analysing Data*
- *Percentages, Money and Budgeting*
- *Geometry and Measurement*
- *Catering and Hospitality*
- *Computational Skills*
- *Using Technology*
- *Use of tables, charts and graphs*
- *Problem Solving*
 - *Scale drawings and diagrams*
- *Other topics as needed (e.g. Career specific)*

Skill Development

Revision of basic maths skill's consolidation of maths skills required for everyday applications.

Possible Assessment Tasks

Tests, projects and assignments.

Activities/Camps/Excursions

Opportunities to learn coding skills and write simple programs.

Career Options

Trades, hospitality/retail employments and ongoing study through VET courses.