# MATHEMATICS

## Mathematics Pre-General
### 10MPG

**SUBJECT DESCRIPTION:**

In Mathematics Pre-General, the emphasis is on consolidation of the previous years' experiences and development of skills studied in Year 9 Mainstream Mathematics.

In this unit, students will study:

- Linear algebra
- Linear graphs
- Trigonometry
- Geometry
- Bivariate data
- Measurement
- Probability
- Financial Maths
- Non-linear graphs

**VCE SUBJECT LINKS**

General Maths

Year 11 VCE VM

**THIS SUBJECT ENHANCES LEARNING IN:**

Most science and some commerce subjects. Any subject requiring knowledge of basic numeracy skills.

**ASSESSMENT:**

- Basic skills
- Application and problem solving
- Unit tests
- Assignments
- Exam

## Mathematics Pre-Methods
### 10MPM

**SUBJECT DESCRIPTION:**

In Mathematics Pre-Methods, the emphasis is on preparing students for extended study in mathematics. For students who have done very well in mainstream Year 9 Mathematics, the basic concepts of math are considerably extended.

In this unit, students will study:

- Statistics
- Univariate data
- Real numbers
- Coordinate geometry
- Indices and logarithms
- Linear algebra
- Linear graphs
- Financial mathematics
- Trigonometry
- Quadratic expressions and equations
- Circle geometry
- Probability
- Non-linear functions
- Quadratic graphs

**VCE SUBJECT LINKS**

Maths Methods, Specialist Maths, General Maths, Psychology

**THIS SUBJECT ENHANCES LEARNING IN:**

Sciences like Physics, Chemistry, Accounting and any subject requiring knowledge of complex forms of algebra.

**ASSESSMENT:**

- Basic skills
- Application and problem solving
- Unit tests
- Assignments
- Exam