

---

**SUBJECT:****PREP MATHS B**

---

**ACADEMY:****RESEARCH & DISCOVERY****STATUS:****CORE SUBJECTS****COURSE OVERVIEW:**

The Prep Maths B course is designed to encourage students exploring mathematical concepts which are further developed in Maths B & C. All maths courses have a focus on thinking, reasoning and working mathematically. Prep Maths B has the additional focus of enhancing real life numeracy skills.

Prep Maths B is suitable for students who have a majority of B or A levels of achievement in Year 9 maths.

**COURSE STRUCTURE:**

Focus on the 5 strands and 11 topics of the P – 10 maths syllabus

- **Number** – number concepts, addition, subtraction, multiplication and division
- **Patterns and algebra** – patterns and functions, equivalence and equations
- **Measurement** – length, mass, area, volume and time
- **Probability and Statistics**
- **Space** – shape and line, location, direction and measurement
- With a further focus on: trigonometry, deductive geometry, coordinates and analytical geometry, calculus and statistics.

Early start to Maths B or C possibilities exist in Semester 2 Year 10 depending on student performance.

**COURSE PATHWAYS:**

These pathways will be offered within a block of time with an option of negotiating movement based on performance and resourcing.

- Prep Mathematics A
- Prep Mathematics B
- Prep Maths for Life

**ASSESSMENT TECHNIQUES:**

- Numeracy KAT (Key Assessment Tasks) projects
- Problem solving exercises
- Written tests

**SPECIAL REQUIREMENTS:**

Students must have a scientific calculator. There may be some degree of flexibility to enable students to move to different levels of maths through administration consultation and placement availability.

