
SUBJECT: PREP MATHEMATICS A

ACADEMY: **RESEARCH & DISCOVERY**

STATUS: **CORE SUBJECT**

COURSE OVERVIEW: Prep Maths A course is designed to enable students to develop and extend their basic mathematical concepts so that they can move to Maths A in Year 11 and 12. (**Students who excel** in this course may be able to complete Maths B in Yr 11 and 12.)

All maths courses have a focus on thinking, reasoning and working mathematically. Prep Maths A has the additional focus of enhancing real life numeracy skills, whilst overlapping with both Prep Maths B and Prep Maths for Life.

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

COURSE STRUCTURE: Focus on the 5 strands and 11 topics and 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
- **Chance and Data** – probability and statistics
- **Space** – shape and line, location, direction and measurement

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.

