

**PMX**

# Preliminary Mathematics (Extension)

## 2025 Weekly Course

**WEEK****TOPIC****CLASS TIMES**

<b>PMX 2025 Preliminary Weekly Course</b>		<b>EXT 1</b>	<b>ADV</b>
1	20 Jan - 26 Jan	Algebraic Techniques	●
2	27 Jan - 2 Feb	Inequalities	● ●
<b>SCHOOL TERM 1</b>			
3	3 Feb - 9 Feb	Functions & Relations	● ●
4	10 Feb - 16 Feb	Linear, Quadratic and Other Functions & Relations	●
5	17 Feb - 23 Feb	Polynomials	●
6	24 Feb - 2 Mar	Graphing Relationships	● ●
7	3 Mar - 9 Mar	Trigonometry	●
8	10 Mar - 16 Mar	Radians & Circular Measure	●
9	17 Mar - 23 Mar	Parametric & Inverse Functions	●
10	24 Mar - 30 Mar	Intu Term 1 2025 Exam	● ●
11	31 Mar - 6 Apr	Intu Term 1 2025 Exam Review	
12	7 Apr - 13 Apr	Tutorials Only	
13	14 Apr - 20 Apr	Autumn School Holidays	
14	21 Apr - 27 Apr	Autumn School Holidays	
<b>SCHOOL TERM 2</b>			
15	28 Apr - 4 May	Differential Calculus	●
16	5 May - 11 May	Applying Differential Calculus	● ●
17	12 May - 18 May	Trigonometric Functions & Identities	●
18	19 May - 25 May	Further Trigonometric Identities	● ●
19	26 May - 1 Jun	Applications of Differential Calculus	● ●
20	2 Jun - 8 Jun	Logarithms & Exponentials	●
21	9 Jun - 15 Jun	Inverse Trigonometric Functions	●
22	16 Jun - 22 Jun	Intu Term 2 2025 Exam	● ●
23	23 Jun - 29 Jun	Intu Term 2 2025 Exam Review	
24	30 Jun - 6 Jul	Tutorials Only	
25	7 Jul - 13 Jul	Winter School Holidays	
26	14 Jul - 20 Jul	Winter School Holidays	
<b>SCHOOL TERM 3</b>			
27	21 Jul - 27 Jul	Probability	●
28	28 Jul - 3 Aug	Permutations & Combinations	●
29	4 Aug - 10 Aug	The Binomial Expansion	●
30	11 Aug - 17 Aug	Discrete Probability Distributions	●
31	18 Aug - 24 Aug	Related Rates of Change	●
32	25 Aug - 31 Aug	Exponential Growth & Decay	● ●
33	1 Sep - 7 Sep	Preliminary Course Revision	● ●
34	8 Sep - 14 Sep	Intu Term 3 2025 Exam	● ●
35	15 Sep - 21 Sep	Intu Term 3 2025 Exam Review	
36	22 Sep - 28 Sep	Tutorials Only	
37	29 Sep - 5 Oct	Spring School Holidays	
38	6 Oct - 12 Oct	Spring School Holidays	

Monday	4:30pm-7:00pm
Tuesday	4:30pm-7:00pm
Friday	4:30pm-7:00pm
Saturday	9:30am-12:00pm 12:30am-3:00pm
Sunday	9:30am-12:00pm

**TUTORIAL TIMES**

Weekdays	3:30pm-4:30pm
	4:30pm-5:30pm
	5:30pm-6:30pm
	6:30pm-7:30pm
Weekends	9:30am-10:30am
	10:30am-11:30am
	11:30am-12:30pm
	12:30pm-1:30pm
	1:30pm-2:30pm
	2:30pm-3:30pm
	3:30pm-4:30pm
	4:30pm-5:30pm
	5:30pm-6:30pm

**HMX1-T4 2025 HSC Weekly Course (Term 4)**

<b>SCHOOL TERM 4</b>			
39	13 Oct - 19 Oct	Sequences and Series	●
40	20 Oct - 26 Oct	Graphing Techniques & Trigonometric Equations	●
41	27 Oct - 2 Nov	Vectors in 2D	●
42	3 Nov - 9 Nov	Geometrical and Physical Applications of Vectors	●
43	10 Nov - 16 Nov	Applications of the Derivative	● ●
44	17 Nov - 23 Nov	Proof by Mathematical Induction	●
45	24 Nov - 30 Nov	Descriptive Statistics	●
46	1 Dec - 7 Dec	Intu Term 4, 2025 Exam	● ●
47	8 Dec - 14 Dec	Intu Term 4, 2025 Exam Review	
48	15 Dec - 21 Dec	Tutorials Only	

## Maths Level

**EXT 1** Extension 1 Maths**ADV** Advanced Maths