

# **Preliminary Mathematics (Extension)**

2025 Weekly Course

#### WEEK

## ΤΟΡΙΟ

PMX	2025 Prelimi	nary Weekly Course	EXT1	ADV
1	20 Jan - 26 Jan	Algebraic Techniques		•
2	27 Jan - 2 Feb	Inequalities		
SCHOOL TERM 1				
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		

# **CLASS TIMES**

4:30pm-7:00pm
4:30pm-7:00pm
4:30pm-7:00pm
12:30am-3:00pm
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

SCHOOL TERM 2				
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 Tutorials Only 24 30 Jun - 6 Jul 25 7 Jul - 13 Jul Winter School Holidays 26 14 Jul - 20 Jul Winter School Holidays

#### SCHOOL TERM 3

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	

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

## **SCHOOL TERM 4**

39	9 13 Oct - 19 Oct	Sequences and Series				
4	) 20 Oct - 26 Oct	Graphing Techniques & Trigonometric Equations	•			
4	27 Oct - 2 Nov	Vectors in 2D	•		Mat	hs
42	2 3 Nov - 9 Nov	Geometrical and Physical Applications of Vectors	•		Inter	
43	3 10 Nov - 16 Nov	Applications of the Derivative	•			<b>F</b>
44	17 Nov - 23 Nov	Proof by Mathematical Induction	•		EXT1	Exte
4	5 24 Nov - 30 Nov	Descriptive Statistics			ADV	Adv
4	5 1 Dec - 7 Dec	Intu Term 4, 2025 Exam	•	•	AUV	
4	8 Dec - 14 Dec	Intu Term 4, 2025 Exam Review				
4	3 15 Dec - 21 Dec	Tutorials Only				

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