

**PMX-A**

Preliminary Mathematics (Extension) Accelerated

2025 Weekly Course

WEEK

TOPIC

EXT 2 **EXT 1** **ADV**

CLASS TIMES

PMX-A 2025 Weekly Course

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

1	20 Jan - 26 Jan	Functions & Relations			●
2	27 Jan - 2 Feb	Polynomials	●		
SCHOOL TERM 1					
3	3 Feb - 9 Feb	Graphing Relationships	●		●
4	10 Feb - 16 Feb	Parametric & Inverse Functions	●		
5	17 Feb - 23 Feb	Differential Calculus	●		
6	24 Feb - 2 Mar	Applications of Differential Calculus			●
7	3 Mar - 9 Mar	Permutations & Combinations			●
8	10 Mar - 16 Mar	Trigonometric Functions & Identities			●
9	17 Mar - 23 Mar	Logs & Exponentials and Kinematics	●		●
10	24 Mar - 30 Mar	Intu Term 1 2025 Exam (Accelerated)	●		●
11	31 Mar - 6 Apr	Intu Term 1 2025 Exam (Accelerated) Review			
12	7 Apr - 13 Apr	Tutorials Only			
13	14 Apr - 20 Apr	Autumn School Holidays			
14	21 Apr - 27 Apr	Autumn School Holidays			
SCHOOL TERM 2					
15	28 Apr - 4 May	Financial Mathematics			●
16	5 May - 11 May	Inverse Trigonometric Functions	●		
17	12 May - 18 May	The Binomial Expansion	●		
18	19 May - 25 May	Discrete Probability Distributions			●
19	26 May - 1 Jun	Related Rates of Change and Exponential Growth & Decay	●		●
20	2 Jun - 8 Jun	Applications of the Derivative	●		●
21	9 Jun - 15 Jun	Graphing Techniques & Trigonometric Equations	●		●
22	16 Jun - 22 Jun	Intu Term 2 2025 Exam (Accelerated)	●		●
23	23 Jun - 29 Jun	Intu Term 2 2025 Exam (Accelerated) Review			
24	30 Jun - 6 Jul	Tutorials Only			
25	7 Jul - 13 Jul	Winter School Holidays			
26	14 Jul - 20 Jul	Winter School Holidays			
SCHOOL TERM 3					
27	21 Jul - 27 Jul	Integral Calculus & Definite Integrals			●
28	28 Jul - 3 Aug	Areas & Further Calculus	●		●
29	4 Aug - 10 Aug	Descriptive Statistics & Bivariate Data	●		
30	11 Aug - 17 Aug	Optimisation & Motion			●
31	18 Aug - 24 Aug	Continuous Random Variables	●		
32	25 Aug - 31 Aug	The Normal Distribution			●
33	1 Sep - 7 Sep	Z-Scores	●		
34	8 Sep - 14 Sep	Intu Term 3 2025 Exam (Accelerated)	●		●
35	15 Sep - 21 Sep	Intu Term 3 2025 Exam (Accelerated) Review			
36	22 Sep - 28 Sep	Tutorials Only Week			
37	29 Sep - 5 Oct	Spring School Holidays			
38	6 Oct - 12 Oct	Spring School Holidays			

HMX2-A-T4 2025 HSC Weekly Course (Term 4) - Maths (Ext 2)

Maths Level

EXT 2 Extension 2 Maths
EXT 1 Extension 1 Maths
ADV Advanced Maths

SCHOOL TERM 4

39	13 Oct - 19 Oct	Complex Numbers	●		
40	20 Oct - 26 Oct	Representation of Complex Numbers	●		
41	27 Oct - 2 Nov	Vectors in 2D & Vector Applications	●		
42	3 Nov - 9 Nov	Complex Numbers as Vectors	●		
43	10 Nov - 16 Nov	The Fundamentals of Proof	●		
44	17 Nov - 23 Nov	Further Proof and Inequalities	●		
45	24 Nov - 30 Nov	Proof by Mathematical Induction	●	●	
46	1 Dec - 7 Dec	Intu Term 4 2025 Exam (Accelerated)	●		
47	8 Dec - 14 Dec	Intu Term 4 2025 Exam (Accelerated) Review			
48	15 Dec - 21 Dec	Tutorials Only			