



PMX-A

Preliminary Mathematics (Ext) Accelerated 2024

2024 Weekly Course

WEEK

TOPIC

EXT 2 EXT 1 ADV

CLASS TIMES

PMX-A 2024 Weekly Course

Friday 4:30pm-7:00pm

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	15 Jan - 21 Jan	Functions & Relations			
2	22 Jan - 28 Jan	Polynomials		●	
SCHOOL TERM 1					
3	29 Jan - 4 Feb	Graphing Relationships		●	●
4	5 Feb - 11 Feb	Parametric and Inverse Functions		●	
5	12 Feb - 18 Feb	Differential Calculus		●	
6	19 Feb - 25 Feb	Applications of Differential Calculus			●
7	26 Feb - 3 Mar	Permutations & Combinations			●
8	4 Mar - 10 Mar	Trigonometric Functions & Identities			●
9	11 Mar - 17 Mar	Logs & Exponentials and Kinematics		●	●
10	18 Mar - 24 Mar	Intuition (Accelerated) Term 1, 2024 - Exam		●	●
11	25 Mar - 31 Mar	Tutorials Only (Easter)			
12	1 Apr - 7 Apr	Intuition (Accelerated) Term 1, 2024 - Exam Review			
13	8 Apr - 14 Apr	Tutorials Only			
14	15 Apr - 21 Apr	No classes or tutorials			
15	22 Apr - 28 Apr	No classes or tutorials			
SCHOOL TERM 2					
16	29 Apr - 5 May	Financial Mathematics			●
17	6 May - 12 May	Inverse Trigonometric Functions		●	
18	13 May - 19 May	The Binomial Expansion		●	
19	20 May - 26 May	Discrete Probability Distributions			●
20	27 May - 2 Jun	Related Rates of Change and Exponential Growth & Decay		●	●
21	3 Jun - 9 Jun	Applications of the Derivative		●	●
22	10 Jun - 16 Jun	Graphing Techniques and Trigonometric Equations		●	●
23	17 Jun - 23 Jun	Intuition (Accelerated) Term 2, 2024 - Exam		●	●
24	24 Jun - 30 Jun	Intuition (Accelerated) Term 2, 2024 - Exam Review			
25	1 Jul - 7 Jul	Tutorials Only			
26	8 Jul - 14 Jul	No classes or tutorials			
27	15 Jul - 21 Jul	No classes or tutorials			
SCHOOL TERM 3					
28	22 Jul - 28 Jul	Integral Calculus and Definite Integrals			●
29	29 Jul - 4 Aug	Areas and Further Calculus		●	●
30	5 Aug - 11 Aug	Volumes		●	
31	12 Aug - 18 Aug	Optimisation and Motion			●
32	19 Aug - 25 Aug	Projectile Motion		●	
33	26 Aug - 1 Sep	Descriptive Statistics & Bivariate Data			●
34	2 Sep - 8 Sep	Proof by Mathematical Induction		●	
35	9 Sep - 15 Sep	Intuition (Accelerated) Term 3, 2024 - Exam		●	●
36	16 Sep - 22 Sep	Intuition (Accelerated) Term 3, 2024 - Exam Review			
37	23 Sep - 29 Sep	Tutorials Only Week			
38	30 Sep - 6 Oct	No classes or tutorials			
39	7 Oct - 13 Oct	No classes or tutorials			

HMX2-A-T4 2024 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					
40	14 Oct - 20 Oct	Complex Numbers		●	
41	21 Oct - 27 Oct	Representation of Complex Numbers		●	
42	28 Oct - 3 Nov	Vectors in 2D and Vector Applications		●	
43	4 Nov - 10 Nov	Complex Numbers as Vectors		●	
44	11 Nov - 17 Nov	The Fundamentals of Proof		●	
45	18 Nov - 24 Nov	Further Proof & Inequalities		●	
46	25 Nov - 1 Dec	Proof by Mathematical Induction		●	●
47	2 Dec - 8 Dec	Intuition (Accelerated) Term 4, 2024 - Exam		●	
48	9 Dec - 15 Dec	Intuition (Accelerated) Term 4, 2024 - Exam Review			