

**HMX1**

HSC Mathematics (Extension 1)

2025 Weekly Course

WEEK

TOPIC

EXT 1

ADV

CLASSES

HMX1

2025 HSC Weekly Course**SCHOOL TERM 4 (2024)**

40	14 Oct - 20 Oct	Sequences and Series		
41	21 Oct - 27 Oct	Graphing Techniques & Trigonometric Equations	●	●
42	28 Oct - 3 Nov	Vectors in 2D	●	
43	4 Nov - 10 Nov	Geometrical and Physical Applications of Vectors	●	●
44	11 Nov - 17 Nov	Applications of the Derivative	●	●
45	18 Nov - 24 Nov	Proof by Mathematical Induction	●	
46	25 Nov - 1 Dec	Descriptive Statistics		●
47	2 Dec - 8 Dec	Intu Term 4, 2024 Exam	●	●
48	9 Dec - 15 Dec	Intu Term 4, 2024 Exam Review		
49	16 Dec - 22 Dec	Tutorials Only		

2025

1	20 Jan - 26 Jan	Review of Term 4, 2024	●	●
2	27 Jan - 2 Feb	Bivariate Data		●

SCHOOL TERM 1

3	3 Feb - 9 Feb	Integral Calculus		●
4	10 Feb - 16 Feb	Areas and Definite Integral		●
5	17 Feb - 23 Feb	Further Calculus & Optimisation	●	●
6	24 Feb - 2 Mar	Volumes	●	
7	3 Mar - 9 Mar	Motion		●
8	10 Mar - 16 Mar	Projectile Motion	●	
9	17 Mar - 23 Mar	Financial Mathematics		●
10	24 Mar - 30 Mar	Intu Half-Yearly Exam 2025 (Ext 1) & Intu Half-Yearly Exam 2025 (Adv)	●	●
11	31 Mar - 6 Apr	Intu Half-Yearly Exam 2025 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	Continuous Random Variables		●
16	5 May - 11 May	The Normal Distribution		●
17	12 May - 18 May	The Binomial Distribution	●	
18	19 May - 25 May	Linear Interpolation & Sample Proportions	●	●
19	26 May - 1 Jun	Differential Equations	●	
20	2 Jun - 8 Jun	Applications of Differential Equations	●	
21	9 Jun - 15 Jun	Modelling the Real World	●	●
22	16 Jun - 22 Jun	Revision Lesson 1	●	●
23	23 Jun - 29 Jun	Revision Lesson 2	●	●
24	30 Jun - 6 Jul	Tutorials Only		

Monday	4:30pm-7:00pm
Wednesday	4:30pm-7:00pm
Friday	4:30pm-7:00pm
Saturday	9:30am-12:00pm 3:30pm-6:00pm
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

Maths Level

EXT 1

Extension 1 Maths

ADV

Advanced Maths