HSC Mathematics (Extension 2) Accelerated
2025 Weekly Course

HMX2-A

WEEK		TOPIC	EXT 2	EXT 1

HMX2-A 2025 HSC Weekly Course

SCHOOL TERM 4 (2024)

Week	Dates	Topic	EXT 2	EXT 1
40	14 Oct - 20 Oct	Complex Numbers	●	
41	21 Oct - 27 Oct	Representation of Complex Numbers	●	
42	28 Oct - 3 Nov	Vectors in 2D & 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 and Inequalities	●	
46	25 Nov - 1 Dec	Proof by Mathematical Induction	●	●
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

Week	Dates	Topic	EXT 2	EXT 1
1	20 Jan - 26 Jan	Vectors in 3D	●	
2	27 Jan - 2 Feb	Integration Techniques	●	

SCHOOL TERM 1

Week	Dates	Topic	EXT 2	EXT 1
3	3 Feb - 9 Feb	Integration by Parts	●	
4	10 Feb - 16 Feb	Harder Integration Techniques	●	
5	17 Feb - 23 Feb	Harder Proofs	●	
6	24 Feb - 2 Mar	Continuous Random Variables & The Normal Distribution		●
7	3 Mar - 9 Mar	Binomial Distribution & Normal Approximation		●
8	10 Mar - 16 Mar	Differential Equations		●
9	17 Mar - 23 Mar	Intu Half-Yearly Exam 2025 (Ext 1)		●
10	24 Mar - 30 Mar	Intu Half-Yearly Exam 2025 (Ext 2 Accelerated)	●	
11	31 Mar - 6 Apr	Intu Half-Yearly Exam 2025 Reviews		
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

Week	Dates	Topic	EXT 2	EXT 1
15	28 Apr - 4 May	Simple Harmonic Motion	●	
16	5 May - 11 May	Resisted Motion	●	
17	12 May - 18 May	Harder Resisted & Projectile Motion	●	
18	19 May - 25 May	Revision Lesson 2	●	
19	26 May - 1 Jun	Revision Lesson 3	●	
20	2 Jun - 8 Jun	Harder Questions Techniques	●	
21	9 Jun - 15 Jun	Exam Alpha (Ext 2) [In Class]	●	
22	16 Jun - 22 Jun	Exam Beta (Ext 2) [In Class]	●	
23	23 Jun - 29 Jun	Exam Gamma (Ext 2) [In Class]	●	
24	30 Jun - 6 Jul	Tutorials Only		

CLASSES

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

Maths Level

EXT 2 Extension 2 Maths

EXT 1 Extension 1 Maths

intuition