

**HMX1**

HSC Maths Extension 1

Term 4, 2026

39	12 Oct - 18 Oct	Sequences & Series
40	19 Oct - 25 Oct	Proof by Mathematical Induction
41	26 Oct - 1 Nov	Introduction to 2D & 3D Vectors
42	2 Nov - 8 Nov	Operating with Vectors
43	9 Nov - 15 Nov	Further Graph Transformations & Modelling
44	16 Nov - 22 Nov	Transformations of Trigonometric Functions
45	23 Nov - 29 Nov	Applications of the Derivative
46	30 Nov - 6 Dec	Random Variables
47	7 Dec - 13 Dec	Intu Term 4, 2026 Exam
48	14 Dec - 20 Dec	Intu Term 4, 2026 Exam Review

Term 1, 2027

1	18 Jan - 24 Jan	Review of Term 4, 2026
2	25 Jan - 31 Jan	Inverse Trigonometric Functions
3	1 Feb - 7 Feb	Integral Calculus
4	8 Feb - 14 Feb	Areas & the Definite Integral
5	15 Feb - 21 Feb	Further Calculus Skills & Optimisation
6	22 Feb - 28 Feb	Volumes of Solids of Revolution
7	1 Mar - 7 Mar	Rates of Change & Motion
8	8 Mar - 14 Mar	Projectile Motion
9	15 Mar - 21 Mar	Financial Mathematics
10	22 Mar - 28 Mar	Tutorials Only
11	29 Mar - 4 Apr	Intu Half-Yearly Exam 2027
12	5 Apr - 11 Apr	Intu Half-Yearly Exam 2027 Review

Term 2, 2027

15	26 Apr - 2 May	Continuous Random Variables
16	3 May - 9 May	The Normal Distribution
17	10 May - 16 May	The Binomial Distribution
18	17 May - 23 May	Sampling Distribution of the Mean
19	24 May - 30 May	Differential Equations
20	31 May - 6 Jun	Applications of Differential Equations
21	7 Jun - 13 Jun	Modelling with Functions
22	14 Jun - 20 Jun	Revision Lesson 1
23	21 Jun - 27 Jun	Harder Questions & Exam Skills
24	28 Jun - 4 Jul	Tutorials Only

Term 3, 2027

27	19 Jul - 25 Jul	Start of ESP Course
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Weekly Classes

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

Tutorials

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
3:30pm - 4:30pm
4:30pm - 5:30pm
5:30pm - 6:30pm

intuition