



HMX2

HSC Maths Extension 2

Term 1, 2026

1	19 Jan - 25 Jan	The Fundamentals of Proof
2	26 Jan - 1 Feb	Further Proof and Inequalities
3	2 Feb - 8 Feb	Introduction to Integral Calculus
4	9 Feb - 15 Feb	Further Calculus & Volumes
5	16 Feb - 22 Feb	Further Applications of Vectors & Projectile Motion
6	23 Feb - 1 Mar	Vectors in 3D
7	2 Mar - 8 Mar	Integration Techniques
8	9 Mar - 15 Mar	Integration by Parts
9	16 Mar - 22 Mar	Harder Integration Techniques
10	23 Mar - 29 Mar	Intu Half-Yearly Exam 2026 Half-Yearly Maths Ext 1, Ext 2 Term Exam
11	30 Mar - 5 Apr	Intu Half-Yearly Exam 2025 Review Learn from the exam content.

Term 2, 2026

14	20 Apr - 26 Apr	Continuous Random Variables
15	27 Apr - 3 May	The Normal Distribution & Bernoulli Random Variables
16	4 May - 10 May	The Binomial Distribution & The Normal Approximation
17	11 May - 17 May	Differential Equations
18	18 May - 24 May	Standard Motion & Simple Harmonic Motion
19	25 May - 31 May	Resisted Motion
20	1 Jun - 7 Jun	Further Resisted & Projectile Motion
21	8 Jun - 14 Jun	Revision Lesson 1
22	15 Jun - 21 Jun	Revision Lesson 2
23	22 Jun - 28 Jun	Harder Questions and Exam Skills
24	29 Jun - 5 Jul	Tutorials Week Extra help sessions, and organise holiday study plans.

Term 3 & 4, 2026 (ESP)

26	13 Jul - 19 Jul	Start of ESP Course Enrol into our Exam Success Program for the best Trial and HSC Preparation.
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Term 4, 2026

39	12 Oct - 18 Oct	Sequences & Series and Financial Mathematics Adv
40	19 Oct - 25 Oct	Arithmetic of Complex Numbers Ext 2
41	26 Oct - 1 Nov	Geometric Representation of Complex Numbers Ext 2
42	2 Nov - 8 Nov	Introduction to 2D & 3D Vectors Ext 1
43	9 Nov - 15 Nov	Solving Equations with Complex Numbers Ext 2 Ext 1 Roots of polynomial equations over the complex field, and multiplicity of zeroes
44	16 Nov - 22 Nov	Proof by Mathematical Induction Ext 1
45	23 Nov - 29 Nov	Trigonometric Functions & Further Graph Transformations Adv Ext 1 Transformations of trigonometric functions, modelling, and inverse trigonometric functions
46	30 Nov - 6 Dec	Intu Term 4, 2026 Exam
47	7 Dec - 13 Dec	Intu Term 4, 2026 Exam Review
48	14 Dec - 20 Dec	Tutorials Only Extra help sessions, and organise holiday study plans.

Term 1, 2027

1	18 Jan - 24 Jan	The Nature of Proof Ext 2
2	25 Jan - 31 Jan	Proof of Inequalities Ext 2
3	1 Feb - 7 Feb	Introduction to Integral Calculus Adv
4	8 Feb - 14 Feb	Areas Between Curves & Volumes of Solids of Revolution Ext 1
5	15 Feb - 21 Feb	Projectile Motion & Vector Geometry Ext 1
6	22 Feb - 28 Feb	Vector Equations of Lines, Skew Lines & Spheres Ext 2 Skew lines, spheres in three dimensions and vector geometric proofs
7	1 Mar - 7 Mar	Integration Techniques Ext 1 Ext 2 Inverse trigonometric integrals, substitution and partial fractions
8	8 Mar - 14 Mar	Integration by Parts Ext 2
9	15 Mar - 21 Mar	Harder Integration Techniques Ext 2 Trigonometric products and the t-formulas

intuition

Weekly Classes

Wednesday
4:30pm - 7:30pm

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

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 Adv
16	3 May - 9 May	The Normal Distribution & Bernoulli Random Variables Adv Ext 1
17	10 May - 16 May	The Binomial Distribution & The Normal Approximation Ext 1
18	17 May - 23 May	Sampling Distribution of the Mean Ext 1
19	24 May - 30 May	Differential Equations Ext 1
20	31 May - 6 Jun	Forces & Simple Harmonic Motion Ext 2
21	7 Jun - 13 Jun	Rectilinear Resisted Motion Ext 2
22	14 Jun - 20 Jun	Vertical Resisted Motion & Projectiles Ext 2
23	21 Jun - 27 Jun	Revision & Exam Skills
24	28 Jun - 4 Jul	Tutorials Only
Term 3, 2027		
27	19 Jul - 25 Jul	Start of ESP Course