HMX1 HSC Maths Extension 1

Term 1, 2026

1	19 Jan - 25 Jan	**Review of Term 4, 2025** Review Term 4 content.
2	26 Jan - 1 Feb	**Bivariate Data**
3	2 Feb - 8 Feb	**Integral Calculus**
4	9 Feb - 15 Feb	**Areas and Definite Integral**
5	16 Feb - 22 Feb	**Further Calculus & Optimisation**
6	23 Feb - 1 Mar	**Volumes**
7	2 Mar - 8 Mar	**Motion**
8	9 Mar - 15 Mar	**Projectile Motion**
9	16 Mar - 22 Mar	**Financial Mathematics**
10	23 Mar - 29 Mar	**Intu Half-Yearly Exam 2025** Maths (Adv and Ext 1) Half-yearly exam to prepare for school exams.
11	30 Mar - 5 Apr	**Intu Half-Yearly Exam 2026 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**
16	4 May - 10 May	**The Binomial Distribution**
17	11 May - 17 May	**Linear Interpolation & Sample Proportions**
18	18 May - 24 May	**Differential Equations**
19	25 May - 31 May	**Applications of Differential Equations**
20	1 Jun - 7 Jun	**Modelling the Real World**
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.

Term 4, 2026

39	12 Oct - 18 Oct	**Sequences & Series** Adv Summation (sigma) notation
40	19 Oct - 25 Oct	**Proof by Mathematical Induction** Ext 1
41	26 Oct - 1 Nov	**Introduction to 2D & 3D Vectors** Ext 1
42	2 Nov - 8 Nov	**Geometric and Physical Applications of Vectors** Ext 1
43	9 Nov - 15 Nov	**Applications of the Derivative** Adv
44	16 Nov - 22 Nov	**Transformations of Trigonometric Functions** Adv
45	23 Nov - 29 Nov	**Revision**
46	30 Nov - 6 Dec	**Intu Term 4, 2026 Exam**
47	7 Dec - 13 Dec	**Random Variables** Adv
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** Ext 1
3	1 Feb - 7 Feb	**Integral Calculus** Adv
4	8 Feb - 14 Feb	**Areas & the Definite Integral** Adv Areas with respect to the y-axis
5	15 Feb - 21 Feb	**Further Calculus Skills** Adv Ext 1 Derivatives of sec, cosec and cot; inverse trigonometric derivatives and integrals; integration by substitution
6	22 Feb - 28 Feb	**Areas Between Curves & Volumes of Solids of Revolution** Ext 1
7	1 Mar - 7 Mar	**Rates of Change, Motion & Optimisation** Adv Ext 1
8	8 Mar - 14 Mar	**Projectile Motion** Ext 1
9	15 Mar - 21 Mar	**Financial Mathematics** Adv
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

intuition

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

16	3 May - 9 May	**The Normal Distribution** Adv
17	10 May - 16 May	**The Binomial Distribution** 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	**Applications of Differential Equations** Ext 1
21	7 Jun - 13 Jun	**Polynomials - Multiplicity of Zeroes** Ext 1
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**