

**HMX1**

# HSC Mathematics (Ext 1) 2024

2024 Weekly Course

**WEEK****TOPIC****EXT 1****ADV****CLASSES****HMX1 2024 HSC Weekly Course****SCHOOL TERM 4 (2023)**

39	9 Oct - 15 Oct	Sequences & Series		
40	16 Oct - 22 Oct	Graphing Techniques and Trigonometric Equations	●	●
41	23 Oct - 29 Oct	Vectors in 2D	●	
42	30 Oct - 5 Nov	Geometrical Physical Applications of Vectors	●	
43	6 Nov - 12 Nov	Applications of the Derivative	●	●
44	13 Nov - 19 Nov	Descriptive Statistics		●
45	20 Nov - 26 Nov	Bivariate Data		●
46	27 Nov - 3 Dec	Intuition Term 4, 2023 - Exam	●	●
47	4 Dec - 10 Dec	Intuition Term 4, 2023 - Exam Review		

**2024**

1	15 Jan - 21 Jan	Review of Term 4, 2024	●	●
2	22 Jan - 28 Jan	Proof by Mathematical Induction	●	

**SCHOOL TERM 1**

3	29 Jan - 4 Feb	Integral Calculus		●
4	5 Feb - 11 Feb	Areas and Definite Integral		●
5	12 Feb - 18 Feb	Further Calculus & Optimisation	●	●
6	19 Feb - 25 Feb	Volumes	●	
7	26 Feb - 3 Mar	Motion		●
8	4 Mar - 10 Mar	Projectile Motion	●	
9	11 Mar - 17 Mar	Financial Mathematics		●
10	18 Mar - 24 Mar	Intuition Half-Yearly, 2024 (Ext 1 & Adv) - Exam	●	●
11	25 Mar - 31 Mar	Tutorials Only (Easter)		
12	1 Apr - 7 Apr	Intuition Half-Yearly, 2024 (Ext 1 & Adv) - Exam Review		
13	8 Apr - 14 Apr	Tutorials Only		
14	15 Apr - 21 Apr	No classes or tutorials		
15	22 Apr - 28 Apr	No classes or tutorials		

**SCHOOL TERM 2**

16	29 Apr - 5 May	Continuous Random Variables		●
17	6 May - 12 May	The Normal Distribution		●
18	13 May - 19 May	The Binomial Distribution	●	
19	20 May - 26 May	The Normal Approximation to the Binomial	●	
20	27 May - 2 Jun	Differential Equations	●	
21	3 Jun - 9 Jun	Applications of Differential Equations	●	
22	10 Jun - 16 Jun	Modelling the Real World	●	●
23	17 Jun - 23 Jun	Revision Lesson 1	●	●
24	24 Jun - 30 Jun	Revision Lesson 2	●	●
25	1 Jul - 7 Jul	Tutorials Only		
26	8 Jul - 14 Jul	* July Comprehensive Revision Course		
27	15 Jul - 21 Jul	No classes or tutorials		

<b>Monday</b>	4:30pm-7:00pm
<b>Tuesday</b>	4:30pm-7:00pm
<b>Wednesday</b>	4:30pm-7:00pm
<b>Thursday</b>	4:30pm-7:00pm
<b>Saturday</b>	9:30am-12:00pm 12:30pm-3:00pm
<b>Sunday</b>	9:30am-12:00pm

**TUTORIAL TIMES**

<b>Weekdays</b>	3:30pm-4:30pm 4:30pm-5:30pm 5:30pm-6:30pm 6:30pm-7:30pm
<b>Weekends</b>	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