

**PMX**

Preliminary Maths Extension

[intuition](https://www.intuition.ac.uk/)

Term 1, 2027

1	18 Jan - 24 Jan	Algebraic Techniques	Adv
2	25 Jan - 31 Jan	Inequalities	Ext 1
3	1 Feb - 7 Feb	Functions & Relations	Adv
4	8 Feb - 14 Feb	Linear, Quadratic and Cubic Functions	Adv
5	15 Feb - 21 Feb	Polynomials	Ext 1
6	22 Feb - 28 Feb	Graph Transformations Graphical relationships - $1/f(x)$, $ f(x) $ and $f(x)$, plus the graphs of sec, cosec and cot	Adv Ext 1
7	1 Mar - 7 Mar	Trigonometry and Measure of Angles	Adv
8	8 Mar - 14 Mar	Radians & Circular Measure	Adv
9	15 Mar - 21 Mar	Parametric & Inverse Functions	Ext 1
10	22 Mar - 28 Mar	Tutorials Only	
11	29 Mar - 4 Apr	Intu Term 1, 2027 Exam	
12	5 Apr - 11 Apr	Intu Term 1, 2027 Exam Review	

Term 2, 2027

15	26 Apr - 2 May	Introduction to Differentiation 1	Adv
16	3 May - 9 May	Introduction to Differentiation 2	Adv
17	10 May - 16 May	Trigonometric Identities and Equations	Adv
18	17 May - 23 May	Further Trigonometric Identities	Ext 1
19	24 May - 30 May	Applications of the Derivative	Adv
20	31 May - 6 Jun	Exponential and Logarithmic Functions	Adv
21	7 Jun - 13 Jun	Further Trigonometric Equations	Ext 1
22	14 Jun - 20 Jun	Intu Term 2, 2027 Exam	
23	21 Jun - 27 Jun	Intu Term 2, 2027 Exam Review	
24	28 Jun - 4 Jul	Tutorials Only	

Term 3, 2027

27	19 Jul - 25 Jul	Probability and Data 1	Adv
28	26 Jul - 1 Aug	Probability and Data 2	Adv
29	2 Aug - 8 Aug	Permutations & Combinations	Ext 1
30	9 Aug - 15 Aug	The Binomial Theorem	Ext 1
31	16 Aug - 22 Aug	Trigonometry in Three Dimensions	Ext 1
32	23 Aug - 29 Aug	Preliminary Course Revision 1	
33	30 Aug - 5 Sep	Preliminary Course Revision 2	
34	6 Sep - 12 Sep	Intu Term 3, 2027 Exam	
35	13 Sep - 19 Sep	Intu Term 3, 2027 Exam Review	
36	20 Sep - 26 Sep	Tutorials Only	

Weekly Classes

Monday

4:30pm - 7:00pm

Tuesday

4:30pm - 7:00pm

Saturday

12:30pm - 3:00pm

Sunday

12:30pm - 3:00pm

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

Term 4, 2027

39	11 Oct - 17 Oct	Sequences & Series Adv Summation (sigma) notation
40	18 Oct - 24 Oct	Proof by Mathematical Induction Ext 1
41	25 Oct - 31 Oct	Introduction to 2D & 3D Vectors Ext 1
42	1 Nov - 7 Nov	Operating with Vectors Ext 1
43	8 Nov - 14 Nov	Further Graph Transformations & Modelling Adv
44	15 Nov - 21 Nov	Transformations of Trigonometric Functions Adv
45	22 Nov - 28 Nov	Applications of the Derivative Adv
46	29 Nov - 5 Dec	Random Variables Adv
47	6 Dec - 12 Dec	Intu Term 4, 2027 Exam
48	13 Dec - 19 Dec	Intu Term 4, 2027 Exam Review