Maths Outreach Spring Term, 2025

The spring term clubs are by invitation. All are currently full, but if you would like to be added to a waiting list please email Dominic Rowland.

Year Group	Session	Dates	Times
Years 3	Win @ Maths	Thurs 9 Jan – 13 Feb 27 Feb – 27 Mar	16:00-17:00
Years 4	Maths Beasts	Thurs 9 Jan – 13 Feb 27 Feb – 27 Mar	16:00-17:00
Years 5 and 6	PMC club	Tues 14 Jan – 4 Feb 25 Feb – 25 Mar	16:00-17:00
Year 7 and 8	Problem solving 1	Thurs 9 Jan – 13 Feb 27 Feb – 27 Mar	16:00-17.00
Year 9 and up	Lecture: *Mathematical Finance (final title tbc)* Dr Antti Vauhkonen	Tuesday 4 Feb	19:00-20:00 Sign up here Deadline: 26 Jan
Year 9 and up	Lecture: *How do you do a Maths PhD? A look at modern geometry.* Dr Thomas Prince	Tues 25 Mar	19:00-20:00 Sign up here Deadline: 19 Mar
Years 9 to 11	Problem solving 2	Tues 14 Jan – 11 Feb 25 Feb – 25 Mar	16.00-17.00
Years 12 and 13	Senior Maths Club	Thurs 16 Jan – 13 Feb 27 Feb – 20 Mar	17:00-18:00 Sign up here

Looking ahead

Details of the summer program have now been finalised. There will be a maths lecture on the evening of Tuesday 13 May and year 12 students considering maths at university may be interested in the Winchester Maths Summer School residential running 30 June – 5 July. Further details below.

If you have any questions about any of the sessions, please contact the maths events team here.

Year 12 students considering maths at university may be interested in the [Winchester Maths Summer School](#) residential running 30 June – 5 July.

Further details below.

Eligibility

All our maths outreach activities are designed to stretch able and enthusiastic pupils and are not generally suitable for those who struggle with mathematics.
Our activities are often oversubscribed which we know is disappointing for many. Unsuccessful applicants are automatically placed on the relevant waiting list.

Descriptions

Win@Maths
Our club for year 3 pupils. Pupils work in pairs with sixth formers.

MathsBeasts
Our club for year 3 pupils. Pupils work in pairs with sixth formers.

PMC Club
This term the club will be by invitation only for those preparing to sit the PMC bonus round. After the bonus there will be a chance to look at some Junior Maths Olympiad problems.

Problem Solving 1
Our problem solving club for pupils in years 7 and 8 focuses on the skills needed in the Junior Maths Challenge and Junior Maths Olympiad run by the UKMT.

Problem Solving 2
Our problem solving club for pupils in years 9, 10 and 11 focuses on the skills needed in the Intermediate Maths Challenge and Intermediate Maths Olympiad run by the UKMT.

Lecture
Dr Thomas Prince will speak on:
'A modern take on Euclidean Geometry: from Ptolemy's theorem to Plücker coordinates'

Sixth form Maths Club
A club for sixth formers considering maths at university. The content will be determined by the interests of the group but will be pure mathematics. (Quite possibly irrational and transcendental numbers.)

If you have any questions about any of the sessions, please contact the maths events team [here](#).