



Advanced Mathematics
Support Programme®



Maths Inspiration: Playing for Real

Liverpool (Morning Show)

20th June 2019

Overview

Maths Inspiration is a national programme of interactive maths lectures for students in Years 9 and 10. These exciting events give these young people a chance to experience the UK's most inspiring maths speakers live in theatres, presenting maths in the context of exciting, real-world applications.

This summer series of lectures, **Playing for Real**, is a joint venture presented by Maths Inspiration and the Advanced Mathematics Support Programme. If you think games are just for fun, then think again! Games contain some of the most important maths you'll ever need in everyday life, from managing money to out-thinking competitors. Our speakers will demonstrate the unlikely usefulness of probability, puzzles and percentages. You'll get the chance to play some games, and you could even win a prize.

All shows have three interactive talks, an interval and a lively Q&A session to enjoy. Many of the events feature mathematicians, engineers and statisticians in the hope of opening your students' eyes to a career in STEM.

Who will benefit from attending?

These lectures aim to inspire your Year 9s and 10s with a maths show that will captivate even your unenthusiastic mathematicians.

Content

The show will be hosted by [Jennifer Rogers](#). Jennifer studied Mathematics with Statistics at Lancaster University before going to the University of Warwick to do her PhD. She is now research fellow in the Department of Statistics at the University of Oxford. She has appeared as an expert statistician in the TV programmes *Long Live Britain* and *Mystery Map* - in which she calculated the chance of dying from spontaneous human combustion!

Jennifer will be joined by [Ben Sparks](#) and [Rob Eastaway](#). Ben is a mathematician and musician who travels the country demonstrating the beauty of maths, and is currently based at the University of Bath supporting the work of the AMSP. Rob is an author whose books on maths include the bestselling *Why Do Buses Come in Threes?* and *The Hidden Maths of Support*. Ben and Rob will play a number of games with the audience, including looking responsibly at the maths of gambling and risk.

Other Information

Feedback from teachers about past Maths Inspiration lectures:

- *"Brilliant – perfectly pitched!"*
- *"The whole show was brilliant! I got back in time to teach the last lesson of the day and I was really buzzing."*
- *"Students really enjoyed the games, and the participation was excellent."*
- *"Seeing maths outside the classroom was invaluable!"*

Please note that bookings for this event are handled by Maths Inspiration, and the 'Apply' link will take you to their website.

Cost

Tickets are **£9 per student** (inc. VAT). Teachers are admitted for free.

Key Facts

Event ref:	#5727
Audience:	Students
Target year:	Year 9 & 10
Curriculum focus:	11-16 maths
Mathematical focus:	Problem solving
Event format:	Enrichment
Event length:	2 hours
Region:	North West
Venue:	17 Shaw Street, Liverpool, Merseyside, L6 1HP
Date:	Thu 20th Jun 2019
Course times:	10:00 - 12:00
Fee:	£9

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/5727>