

# Playing for Real

HOW MATHS CAN HELP YOU WIN!

Maths Shows for S3 and S4



I didn't expect to enjoy it, but it was amazing.

S4 Student

Tickets  
only **£5**  
Teachers  
**FREE**

University  
of Edinburgh  
**Gordon Aikman  
Lecture Theatre**

11 June 2019



Summer Shows Programme 2019



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maths  
INSPIRATION

# Playing for Real

How Maths Can Help You Win



**Gordon Aikman Lecture Theatre,  
the University of Edinburgh, Edinburgh**  
11th June 2019

Morning show 10am–12pm  
Afternoon show 1–3pm

Tickets £5 (inc VAT) – teachers FREE.

Inspire your **S3 and S4 students** with a maths show that will captivate even your unenthusiastic mathematicians.

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. In this feast of mathematical games our speakers will demonstrate the unlikely usefulness of probability, puzzles and percentages. You'll get a chance to play some games, and you could even win a prize.

It's the most important fun you'll have this year.

For more suggestions on how to make the most of this event visit our TEACHER PAGE:  
[www.mathsinspiration.com/teachers](http://www.mathsinspiration.com/teachers)

## BOOKING

This year the show is subsidised by the University of Edinburgh and TICKETS ARE ONLY £5 – DON'T MISS OUT! Further information and details on how to book can be found at <http://www.maths.ed.ac.uk/school-of-mathematics/mathinspiration>

For more details on Maths Inspiration events and speakers, as well as tips for teachers, visit [www.mathsinspiration.com](http://www.mathsinspiration.com).

For further information about The University of Edinburgh mathematics outreach, visit <http://www.maths.ed.ac.uk/school-of-mathematics/outreach>.

Our contact details are: [mathsinspiration@maths.ed.ac.uk](mailto:mathsinspiration@maths.ed.ac.uk)

A joint venture between **Maths Inspiration**  
and **The University of Edinburgh**



**Ben Sparks** is a mathematician and musician who travels the country demonstrating the beauty of maths. He's based at the University of Bath and still gets surprisingly emotional when playing with maths (whether that's playing games, playing guitar, or just playing for laughs). His favourite game is X-COM.



**Katie Steckles** Katie Steckles is a mathematician with a particular interest in puzzles and games. She finished her PhD in 2011, and since then has talked about maths at science festivals, at music festivals and on the internet. She also appeared on QI on BBC 2 to do a demonstration. Her favourite game is *Pikmin 3*.



**Rob Eastaway** is an author whose books on maths include the bestselling *Why Do Buses Come In Threes?* and *The Hidden Maths of Sport*. He appears regularly on radio to talk about the maths of everyday life. He particularly likes games that involve a combination of strategy and chance – his favourite is *Perudo*.

## WHAT EDINBURGH TEACHERS SAID AFTER LAST YEAR'S SHOWS:

"Loved everything about the show"

"The choice of games was great"

"I liked the audience participation and the theme of finding strategies to help you win"

"This isn't just for top sets, it works for middle sets too"

"Interactive, interesting, relevant and fun"

[www.mathsinspiration.com](http://www.mathsinspiration.com)