

# maths INSPIRATION

For Sixth Formers and Year Elevens



Thank you for making maths  
as fun as it is in my head.

Ratton School

**Tickets**  
only  
**£9.90**  
Teachers and  
PGCE students  
**FREE**

STATISTICS	✓
MECHANICS	✓
PROBLEM-SOLVING	✓
HUMOUR	✓

Cardiff  
**The Sherman Theatre**  
30 January 2020

 **Admiral**



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 **YouTube**

youtube.com/MathsInspiration

www

**mathsinspiration.com**

**maths**  
INSPIRATION

# Inspire your sixth formers

with this interactive maths lecture show

**The Sherman Theatre** 30 January 2020

Morning show only: 10am–12:30pm.

**Tickets £9.90** (inc VAT) – teachers **FREE**.

Senghennydd Road, Cathays, Cardiff, CF24 4YE

Maths Inspiration is a national programme of interactive maths lecture shows for teenagers. We give 14–17 year olds a chance to experience the UK's most inspiring maths speakers live in theatres, presenting mathematics in the context of exciting, real-world applications.

All shows have three interactive talks, an interval and a lively Q & A session at the end. The shows make links to National Curriculum content, and feature mathematicians, engineers and statisticians. They are an ideal STEM outing for your school, that can also open your students' eyes to mathematical careers.

## WHO SHOULD I BRING TO THE SHOW?

This show is aimed at all Year 12s and FE students who are studying maths, including Core Maths, and at Year 11s who have the potential to get Grade 6 or higher at GCSE. Year 13s will also enjoy the content, though they are not the target audience.

## What teachers say about our shows:

“Fabulous – it was enjoyed by all our students and by the teachers.”

“It was brilliant. The maths was very relevant and pitched perfectly.”

“Thoroughly enjoyable – loved the variety of topics and the intro music!”

“Loved it!!”

“The interactive element kept students very engaged!”



Host

Science writer and comedian

**Helen Pilcher**



Mathematician and Maths Communicator

**Zoe Griffiths:**

***Numbers in the News***

In a world of fake news it's important to be able to think critically about what we are told in the media. This thought-provoking talk featuring audience games and experiments takes students on a tour of misleading statistics from real news stories. It will inspire the statisticians of the future, and empower your students to make informed decisions in their own lives.



Bestselling Maths Author

**Rob Eastaway: *Puzzling Surprises***

As humans we depend on our intuition to make many of our decisions. And most of the time it works. But when intuition doesn't work it can go spectacularly wrong. Rob Eastaway reveals some of his favourite puzzles, including several that relate to everyday situations, and explains why mathematicians so often seem to delight in the counter-intuitive. Brace yourself for some surprises . . . and be prepared to get things wrong!



Musician and Mathematician

**Ben Sparks:**

***Windmills of Your Mind***

Like a circle in a spiral, like a wheel within a wheel . . . so goes the classic 1960s song. Forget circle theorems (for a moment, anyway), and discover how circles can be a source of beauty, awe and mystery as Ben Sparks explores ways in which maths can be, literally, moving.

**BOOKING** To provisionally book seats visit our website, at [www.mathsinspiration.com/booking](http://www.mathsinspiration.com/booking). You are provisionally booked once we email you back, at which time we will give you the deadline for when you'll need to confirm your numbers and make your payment. We encourage you to pay by BACS, though we also accept cheque payments. For full terms and conditions and more details on our events and speakers as well as tips for teachers, please visit our website.

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