

# 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	✓

Chester  
**Storyhouse Theatre**  
2 March 2020



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youtube.com/MathsInspiration

www

mathsinspiration.com

BANK OF AMERICA



# Inspire your sixth formers

with this interactive maths lecture show

**Storyhouse Theatre 2 March 2020**

**1:10pm–3:45pm.**

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

Hunter St, Chester CH1 2AR

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

**Jennifer Rogers**

***Fighting Back With Statistics***



Bestselling Maths Author

**Rob Eastaway: *Maths on the Back of an Envelope***

Some people think maths is all about getting a precise answer. But there's a vital type of maths – 'impure maths' if you like – which is done on the back of an envelope, and where the answer is only a rough approximation. Rob Eastaway will demonstrate how back-of-envelope maths can help with anything from landing a top job to working out the chance of Earth being invaded by aliens . . .



Channel 4 Engineer

**Hugh Hunt: *Maths in a Spin***

Spinning things are strange. A spinning ball bounces in curious ways. Why does a spinning top stand up? Why doesn't a rolling wheel fall over? In this highly entertaining talk, Hugh Hunt makes the link between school mechanics and a variety of spinning objects, from gyroscopes to boomerangs.



Musician and Mathematician

**Ben Sparks:**

***The Sacred Geometry of Chance***

In his Nineties song *Shape of My Heart*, Sting sang about a gambler finding beauty in the "hidden laws" of probability that govern poker. Mathematician and musician Ben Sparks deals the cards to investigate, and uncovers some surprising hidden laws – then goes on to find what really makes "numbers dance". And he'll show why emotion, art and mathematics can go hand in hand despite the stereotypes.

**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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