

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**
Teachers
FREE

STATISTICS	✓
MODELLING	✓
PROBLEM-SOLVING	✓
HUMOUR	✓

Reading
Hexagon Theatre
21 March 2019



@mathsinspiratn



youtube.com/MathsInspiration

www

mathsinspiration.com

Bank of America
Merrill Lynch



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FOR SIXTH FORMERS AND YEAR ELEVENS

Hexagon Theatre, Reading

21 March 2019

10am–12:45pm

Tickets £9 (inc VAT) – teachers **FREE**.

There is a coach drop off at the lower level of the theatre.
The theatre is a 5-10 minute walk from Reading station.

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 suitable for all **Year 12s/FE** students who are studying maths, including Core Maths, and for **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.

BOOKING

To provisionally book seats visit our website, at 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.

Our contact details are:

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www.mathsinspiration.com

SOME PREVIOUS COMMENTS FROM TEACHERS

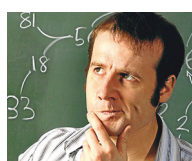
"Superb content – very interesting" **ST MARY'S, ASCOT**

"Excellent show!" **UTC READING**

"Matt Parker was amazing – so funny. A really enjoyable outing" **ST PETER'S CATHOLIC COLLEGE**

"The interactive element kept students very engaged" **CHOBHAM ACADEMY**

"Our Year 10s enjoyed this too!" **COVE SCHOOL**



Host:
Stand-up Mathematician
Matt Parker



Crowd Analyst
Aoife Hunt:
The Shape of Escape

How many people can you fit into a football stadium or a music festival? How quickly are they all going to be able to get out? These are important questions for event organisers, and mathematicians can help to answer them. Discover the unlikely connection between crowd flow and quadratic equations, and how computer games are being built to predict what you will do in an emergency.



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!



Speaker and Maths
Populariser **James Grime:**
Enigma, Secrets and Security

How do you keep a secret? James Grime explores the world of codes, code breaking. He'll explain why prime numbers are so important to sending messages on the internet, and how a small team of mathematicians solved the apparently unbreakable German Enigma code in World War II – including a demonstration of an original WWII Enigma Machine!