

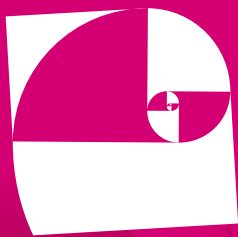
maths INSPIRATION

For Sixth Formers and Year Elevens



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

Ratton School



Leeds
City Varieties Theatre
6 March 2018

STATISTICS	✓
MODELLING	✓
PROBLEM-SOLVING	✓
HUMOUR	✓



@mathsinspiratn

 YouTube

youtube.com/MathsInspiration

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Spring Shows Programme 2018

maths
INSPIRATION

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FOR SIXTH FORMERS AND YEAR ELEVENS

City Varieties Theatre, Leeds

6th March 2018

Tickets £9 (inc VAT) – teachers FREE.

The theatre location is: LS1 6LW

A choice of shows:

SHOW ONE: 10am – 12:30pm

Matt Parker – Host

Rob Eastaway – *Hey, That's Not Fair*

Katie Steckles – *Freaky Fractals*

Paul Shepherd – *Simply The Best*

SHOW TWO: 1:15PM – 3:45PM

Kyle Evans – Host

Matt Parker – *Digits and Digital Cameras*

Katie Steckles – *Freaky Fractals*

Paul Shepherd – *Simply The Best*

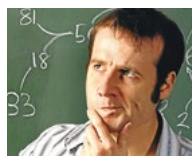
ABOUT THE SHOWS

Maths Inspiration is a national programme of interactive lecture shows for teenagers, with inspirational speakers presenting maths in the context of exciting real-world applications. The Leeds shows are suitable for all Year 12s and 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 and top set Year 10s will also enjoy the content, though they are not the target audience.

There are three interactive talks, a stretch break and a lively Q&A session at the end. This is an ideal STEM outing for your school that can open their eyes to possible careers that involve maths.

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.



Matt Parker:

Digits and Digital Cameras

Matt Parker is world famous for his work communicating mathematics on YouTube: both on his Stand-up Maths Channel and the Numberphile channel which has over 2 million subscribers. In Show 2, Matt takes an engaging look at the maths behind the camera technology which makes this broadcasting possible.



Rob Eastaway:

Hey, That's Not Fair!

Everyone – even a chimpanzee – has a sense of whether something is fair or not. But making things fair is another matter altogether. That's where mathematicians can help. From sharing cakes to penalty shootouts, bestselling maths author Rob Eastaway explains the maths behind how to keep envious tantrums to a minimum.



Paul Shepherd:

Simply the Best

Mathematician and Engineer Paul Shepherd has helped design sports stadiums around the world, and now researches ways in which the power of computers can be harnessed to make better buildings. In this talk, he shows how he has used everything from the geometry of chains to the maths of swarms to design structures that combine strength and beauty whilst minimising their carbon footprint. Maths doesn't get more practical than this!



Katie Steckles:

Freaky Fractals

What's the connection between Jurassic Park, a head of broccoli and Pascal's Triangle? The answer is: they all surprisingly contain fractals, intricate never-ending patterns that can be generated from simple mathematical instructions. Think-Maths mathematician Katie Steckles explores these intriguing structures.



Kyle Evans

is a singer, comedian and general jack of all mathematical trades. He is a regular contributor to BBC Radio 4's flagship numbers programme More or Less, and is perhaps most proud of having a song about the Riemann hypothesis used as a local radio jingle – surely a world first.

Our contact details are:

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www.mathsinspiration.com