



Marlowe Theatre
Canterbury

27 March 2015

the
human SIDE
of MATHS

For Sixth Formers and Year Elevens



“ We all really enjoyed the show.
The speakers were enthusiastic
and knowledgeable and
we loved the humour. ”

Secondary School Teacher, Kent

www.mathsinspiration.com

 **maths**
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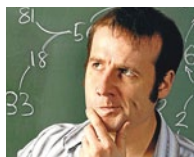
FOR SIXTH FORMERS AND YEAR ELEVENS

Marlowe Theatre, Canterbury

Friday 27 March 2015, 1pm–3:45pm.

Tickets: £7.50 (inc VAT)

There is now hardly any career in which maths and statistics will not be needed. This inspirational, interactive lecture show is themed around the human side of maths, and will be relevant and engaging for your Year 11s and 12s whether they plan to study a STEM subject or have ambitions in other directions.



Host:
Stand-up mathematician
and author **Matt Parker.**



Bestselling maths author
Rob Eastaway:
Pepsi, Penalties and Politics

A famous Coca Cola advertisement used the line "I'd like to teach the world to sing in perfect harmony". Yet Coca Cola and Pepsi have been competing viciously with each other for decades. Collaboration and competition are everywhere around us, from fizzy drinks to football and from dating to politics. Mathematics and game theory can tell us a lot about why peace, harmony and love are not quite as easy to achieve as the songs might suggest.



Medical statistician
Jen Rogers:
Yeah, But is it Significant?

What if you toss a coin ten times and nine of them come up heads? Suppose West Ham win their first five games in the next Premiership season. Or imagine if in clinical trials for a new chronic headache treatment, 40% recover in the next 24 hours. Sometimes these things happen by chance, right? As a statistician, it is Jen's job to decide whether any differences she sees in data are likely to be just by chance, or whether they are *statistically significant*. But how much evidence do you need before you can say that what you see is significant?



Channel 4 documentary
presenter **Hugh Hunt:**
**How Many Cows Does it
Take to Win a War?**

One hundred years ago, the Germans were preparing to use Zeppelins to drop bombs on London. For months, there was no defence against this terrifying blitz. But thanks to some ingenious engineering problem-solving – which of course involved lots of maths, too – the British finally developed strategies to fight back. In this WWI 100th anniversary talk, Hugh Hunt takes a mathematical look at the genius of the Zeppelin, and the remarkable story of how feeble British biplanes eventually managed to shoot the Zeppelins down.

All prices include VAT (our VAT number is 547 9272 06). Find details of the talks and the speakers at www.mathsinspiration.com

Booking form: **Canterbury** 27 March 2015

Please complete and return this form to:

Maths Inspiration, 18 Colwell Road, London SE22 8QP

BOOKING:

You can provisionally book seats by e-mailing mail@mathsinspiration.com or by telephoning Elaine Standish on 020 8693 9259 with your name, school, the event, time of show and the number of seats you would like. We only accept bookings from schools or colleges. To confirm your booking you will need to send your cheque to us with the booking form within three weeks of the date that you receive confirmation of your provisional booking. You may also pay by BACS (we can send you a VAT invoice). For full terms and conditions and details of all talks and venues visit our website.

www.mathsinspiration.com

Event: CANTERBURY, 2015

Total seats (teachers + students): at **am show** at **pm show**

Student seats: x £7.50 = £ (A) Free adult seats:
(1 adult seat free for every 10 pupils)

Paying adult seats: x £7.50 = £ (B)
(eg 25 pupils with 4 adults means 2 paying adults)

Cheque made payable to **Maths Inspiration Ltd** for £ (A + B)

Name: Tel No:

School:

School Address:

Post Code: Email: