

# 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	✓

Bath  
**Bath Forum**  
8 March 2019



@mathsinspiratn



youtube.com/MathsInspiration

www

mathsinspiration.com

Spring Shows Programme 2019

maths  
INSPIRATION

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FOR SIXTH FORMERS AND YEAR ELEVENS

## Bath Forum

8 March 2019

1pm–3:45pm

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

The theatre is a two minute walk from Bath Spa station.

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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.

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## 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.

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## 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.

Our contact details are:

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[www.mathsinspiration.com](http://www.mathsinspiration.com)

## SOME PREVIOUS COMMENTS FROM TEACHERS

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

"Humour is so important, this was pitched perfectly"  
**WELLSWAY SCHOOL**

"Excellent show!" **UTC READING**

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

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



Host: **Jennifer Rogers**  
***Fighting Back With Statistics***



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.



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 lively talk, Hugh Hunt will demonstrate the mechanics of lots of spinning things, including gyroscopes. He'll even throw a few boomerangs, if the management will let him.



Maths Author and Presenter  
**Alex Bellos: *What are the two errors in this title?***

A good puzzle is an entertaining challenge that forces you to use your wits. In this talk, puzzle author Alex Bellos will challenge the audience with some of his favourite maths and logic brainteasers from down the ages. Not only are the flashes of insight required to solve these puzzles hugely satisfying, they'll also help develop your problem-solving skills.