

# Maths Inspiration

For Sixth formers and Year 11s

At the Reardon Smith  
Lecture Theatre, Cardiff

Thursday 22 March, 2007

Simon Singh, Katie Chicot,  
Mark Lewney and Tina Crimp

...reveal that Mathematics does  
have a life beyond A Levels

9.45 - 12.30 and 1pm - 3.45pm

£4 per head (1 adult free per 10 students)

Places are limited, so book early!

Sponsored by



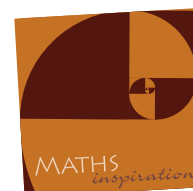
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## What the teachers said last year:

"Great to see maths out of  
exam context."

"All the talks were informative  
and entertaining."

"This has had more motivational  
impact on my students than  
anything I've seen in 30 years  
of teaching."



## BOOKING

You can provisionally book seats by telephoning **Elaine Standish** on **020 8693 9259** or by e-mailing **info@mathsinspiration.com** with your name, address, the event (Cardiff) and the number of seats you would like. We only accept bookings from schools or colleges. There is an upper limit of 55 seats per school (including teachers) for provisional bookings.

To confirm your booking you will need to send your cheque to us with the booking form (overleaf) within three weeks of your provisional booking.

## TRANSPORT & PARKING

The Reardon Smith Theatre is at the National Museum of Wales, about 15 minutes walk from Cardiff Central station.

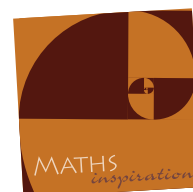
For details see:

[www.museumwales.ac.uk/en/cardiff/visit/](http://www.museumwales.ac.uk/en/cardiff/visit/)

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## Katie Chicot: *Winning arguments and busting myths*

Wherever you look, from government publications to newspapers and even the playground, you will find information that has been misrepresented. Sometimes it is deliberate 'spin', other times it is plain ignorance. Katie will give you tips on how to see through the smoke and mirrors. Prepare to reason ruthlessly and win arguments.

## Mark Lewney: *The Maths of Rock*

Rock guitarist and rising media star Mark Lewney explains the maths of rock using riffs from Vivaldi to AC/DC and shows how string vibrations might lie at the heart of the Big Questions about the universe. In this mind-expanding lecture, Dr. Lewney explains mathematical vibrations with the help of props as diverse as an air-bazooka, a bullwhip and his custom Ibanez electric. This introduction to Superstring Theory shares the excitement of grand scale, cutting edge maths.

Chaired by Tina Crimp of *Techniquest*

## Simon Singh: *Risk and Gambling*

Are you lucky or just obeying the laws of chance? Bestselling author Simon Singh looks at the mathematics behind situations involving luck, risk and coincidence, from the casino to the hospital, from the courtroom to the supernatural. Simon will give examples that illustrate how our intuition often misleads us and will demonstrate how mathematics and critical thinking can help us live, thrive and survive.

## Who's who?

**Simon Singh** is one of the country's leading writers and broadcasters in the field of maths and science. After graduating in Physics, he joined the BBC where he directed the BAFTA-winning documentary *Fermat's Last Theorem*. His bestselling books include *Fermat's Last Theorem*, *The Code Book* and *Big Bang*, and he has presented several TV and radio series.

**Katie Chicot** is dedicated to bringing the beauty and clarity of mathematics to a broader audience. She has a PhD in mathematics from the University of Leeds and after a year at the Royal Institution she became a lecturer at the Open University. In her spare time she is, among other things, a keen, but hopeless, basketball player.

**Mark Lewney** has a PhD in guitar acoustics from Cardiff. He was the first winner of *FameLab*, a national competition to find the new faces of science communication. Mark has appeared on CBBC's *Xchange!* (as the "Rock Doctor"), Channel 4 and BBC Radio 4.

**Tina Crimp** is a manager at *Techniquest*, the Cardiff-based centre that promotes science, maths and engineering. Tina qualified in Biology at the University of California, and worked for Sea World in San Diego before coming to Wales.

## Booking form: Cardiff

Please complete and return this form to:

**Maths Inspiration, 18 Colwell Road, London SE22 8QP**

Including Teachers + Students I would like:

Seats for the AM session (9.45 – 12.30)

Seats for the PM session (13.00-15.45)

No. of Student Seats:  x £4 =  (£) (A)

No. of Free Adult Seats:

(1 adult seat free for every 10 pupils)

No. of Paying Adult Seats:  x £4 =  (£) (B)

(eg 25 pupils with 4 adults means 2 paying adults)

I enclose a cheque made payable to

'**Maths Inspiration**' for  (£) (A + B)

Name: .....

School: .....

School Address: .....

Telephone Number: .....

Email Address: .....

