



Making the most of mathematical talent

ADMIRAL



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TRANSPORT & PARKING
The theatre is in the centre of Bath, about ten minutes walk from Bath Spa train station. There are a number of car parks near the centre, including a long stay car park in Charlote Street and a coach park on Avon Street. More details about the venue and travel can be found at www.theatroyal.org.uk

BOOKING
You can provisionally book seats by e-mailing info@mathsinspiration.com or by telephoning Elaine Standish on 020 8693 9259 with your name, address, the event (Bath), 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 (overleaf) within three weeks of your provisional booking.

www.mathsinspiration.com

Maths Inspiration

For Sixth formers and Year 11s

Theatre Royal, Bath

Thursday 13th March 2008

Simon Singh, Chris Budd,
Mark Lewney and Wendy Sadler

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

1pm - 3.45pm

£6 per head (1 adult free per 10 students)

Places are limited, so book early!

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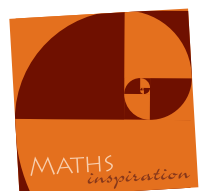
What the teachers said last year:

"There is a new spring in our Maths lessons!"

"It really inspired the students and the teachers"

"So important to see maths out of exam context"

"Thank you for yet another superb show"



Maths Inspiration

For Sixth formers and Year 11s

Chaired by Wendy Sadler

Chris Budd: *What Have Mathematicians Ever Done For Us?*

Some people seem to believe that maths is dull, difficult and worst of all useless. But mathematics actually lies at the heart of all of modern technology, saves countless lives, is important in music and the arts and can even be used to organise great parties. Without maths we would have no mobile phones, Internet, food on our table or computer games. But apart from this ... what have mathematicians done for us? Professor Chris Budd tells all.

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.

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 a bullwhip and his electric guitar. This introduction to Superstring Theory shares the excitement of grand scale, cutting edge maths.

There will be plenty of audience interaction, including a dynamic Question & Answer session at the end.

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, including *The Science of Secrecy* and *Mind Games*.

Chris Budd is Professor of Applied Maths at the University of Bath, and a passionate populariser of mathematics. He is chair of maths at the Royal Institution and has given lectures to all ages across the country. He wrote *Mathematics Galore!* with Chris Sangwin.

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.

Wendy Sadler is a leading figure in science communication, and was voted "Welsh Woman of the Year" in 2004. She has appeared many times on TV, once as a member of the first ever all-female team on Channel 4's *Scrapheap Challenge*. She graduated in Physics and Music, and runs a company called 'Science Made Simple'.

Booking form: Bath

Please complete and return this form to:
Maths Inspiration, 18 Colwell Road, London SE22 8QP

Including Teachers +
Students I would like: Seats

No. of Student Seats: x £6 = (£) (A)

No. of Free Adult Seats:
(1 adult seat free for every 10 pupils)

No. of Paying Adult Seats: x £6 = (£) (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:

