

THE  TIMES
CHELTENHAM

Science
Festival

in association with



Monday 5th December 2016

10am-12noon

Years 8+9

The Bacon Theatre, Dean Close School,
Cheltenham

The Gloucestershire Schools' Christmas Lecture

Spectacular learning for KS3

Treat your pupils to a **FREE**,
one-off STEM extravaganza
with **Jules Howard and Zoë Gamble**.

The Gloucestershire Schools' Christmas Lecture is designed specifically for Years 8 & 9 pupils in County schools and presents a spectacular show to inspire and engage inquisitive young minds. As well as enjoying an interactive lecture covering some of the latest scientific themes pupils will learn more about the benefits of studying science, technology, engineering and maths at GCSE.

**Tickets are free* and booking opens
on Friday 16th September 2016.**

Book online at cheltenhamfestivals.com/lablive
For more information, contact the Education Team
on education@cheltenhamfestivals.com or call
01242 537250/7268

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The Honourable
Company of
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Cheltenham
Science Festival



*Please note that tickets are only available through the Education Team in advance of the event, and are not available on the day. Free activities are subject to a £25 admin charge and a cancellation policy (see website for details)



Jules Howard **What might have been:** An alternative history of life on Earth

What if dinosaurs still roamed? What would they look like and would we still exist? Embark on a journey through 600 million years of animal life with fossil-hunter, zoologist and author Jules Howard. Discover what life could look like if volcanoes and meteorites hadn't twisted the fate of life on Earth forever. Using Darwin's theory of evolution by natural selection, see how blood-drinking tadpoles and tiger-like reptiles could have existed if Earth's history had taken a very different path.

Jules Howard is a zoologist, non-fiction author, broadcaster and international ambassador for science. As well as writing regularly for The Guardian and BBC Wildlife Magazine, Jules appears regularly on TV, including BBC Breakfast and Channel 4's Sunday Brunch. In the last five years, Jules has worked with 100,000 pupils across the UK, encouraging careers in science including palaeontology, zoology and genetics. So far in 2016 he has brought his unique cock-eyed sense of humour and wonder to audiences in the US, Canada and the UK's major science festivals, including The Times Cheltenham Science Festival.

www.juleshoward.co.uk
@juleshoward



Zoë Gamble **Engineering For Life:** From Cradle to Grave

How can engineering let us see inside ourselves, make our lives safer, and push the boundaries of science? From nappies to car safety, engineering affects every part of our lives. Find out how engineers are working to improve our quality of life from before we're even born in this interactive, demo-filled adventure with Zoë Gamble from *science made simple*. Watch a live ultrasound scan, discover how engineers can 3D print a new hip joint, and even how we can preserve our bodies after death. Can you solve our 'magic trick' and could you be an engineer of the future?

Zoë Gamble is a Science Communicator for *science made simple*. She travels the UK and abroad, bringing science to life with live science shows, making the topic engaging and entertaining whatever the audience's age or knowledge level. She is a regular contributor on the radio and has presented science videos for BBC Bitesize. Zoë's favourite thing is to inspire people in STEM (science, technology, engineering and maths).

www.sciencemadesimple.co.uk
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