

CHELTENHAM

Science
Festival

in association with



Monday 4 December

10am-12pm

Years 8&9

The Bacon Theatre

Dean Close School, Cheltenham

The Gloucestershire Schools' Christmas Science Lectures

Spectacular science for KS3

Treat your pupils to a FREE, one-off science extravaganza with Jon Milton and Ginny Smith.

The Gloucestershire Schools' Christmas Science Lecture is a spectacular science show for Y8&9 which brings all the fun of Cheltenham Science Festival to The Bacon Theatre, in a bid 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 & booking opens on Friday 15 September at cheltenhamfestivals.com/lablive

Brought to you by The Honourable Company of Gloucestershire in association with The Times Cheltenham Science Festival





Jonathan Milton The Wonderful World of Robots

How do robots work? What do they do? And why do we even have them? Journey into the amazing world of robotics with Jonathan Milton and his robot helpers. Find out how robots are engineered and programmed, explore whether human biology or robot technology is best and discover what the robots of the future might be able to do. Featuring incredible live robot demonstrations and experiments this show will blow your circuits.

Jonathan Milton is a science communicator who takes complex scientific theories and breaks them down into accessible bite sized chunks. He has worked as part of science comedy act Punk Science for the Science Museum writing and performing shows all over the world. His TV work includes science segments on ITV's "This Morning", BBC's "Newsnight" and the TV series "Scientrific" for Discovery. Jonathan has also written four science books for children including his latest one "The Super Intelligent High Tech Robot book".



Ginny Smith Hack Your Brain

Do you know how your brain communicates with the rest of your body? Get to know the inner workings of your brain in this fast-paced journey around our nervous system with Ginny Smith as your tour guide. Explore how nerve cells send messages through the brain and body as we create a giant 'neuron' live on stage. Watch an audience member hack these signals to control someone else's movements, and maybe even discover better ways to learn.

Ginny Smith specialised in Psychology and Neuroscience at the University of Cambridge. She performs at science festivals and to school groups in the UK and internationally, as well as teaching at the University of Cambridge's Institute of Continuing Education. She has produced and presented content for BBC 5 live and international radio stations with The Naked Scientists, and presented on screen with the Cosmic Shambles network and Cambridge TV. She is a regular writer for DK science books.

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