

11 November 2022

Dear Parent or Carer,

RE: GCSE Science Live Trip

The Science Department are running a trip to take 40 Triple GCSE Science students to an event called "GCSE Science Live". This will give students a chance to see and hear five of Britain's top scientists, all working at the cutting edge of their specialisms. The speakers include Professor Lord Robert Winston and Professor Steve Jones. Further information about the speakers is attached to this letter.

The event is being held at Bradford St George's Hall on Thursday 23 February 2023. Students will leave school at 8.45 am and return to school by 5 pm. As the trip finishes outside of school hours you will need to make arrangements for your child to be collected from school. Transport to and from school will be by coach and two members of staff will accompany the group. There is a charge of £25 per student which pays for entry into the event and a contribution to the cost of travel expenses. If there are any financial concerns, then please do not hesitate to contact me. The students must wear school uniform and a packed lunch should be brought which can be eaten at the venue.

If you would like your child to participate in this visit, please complete the consent form using this link: <https://forms.office.com/r/N5U81GN5qS>. The deadline for completing this is Wednesday 16 November. As places are limited, if this trip is oversubscribed we will randomly allocate places by drawing names out of a hat. We are not asking for a payment at this stage.

Once we have allocated places to the trip, we will require a payment by 5 December, which will payable via ParentPay. We will write to you to confirm your child's place and payment dates after Wednesday 16 November.

Please do not hesitate to contact the school if there are any aspects you would like to discuss.

Yours faithfully,



Mrs R Backhouse
Director of Science

Scientists presenting and a brief biography taken from [sciencelive.org.uk](https://www.sciencelive.org.uk)

Dr Anna Ploszajski

Dr Anna Ploszajski is an award-winning materials scientist and writer, fascinated by metals, plastics, ceramics, glasses and substances from the natural world. She has written (*Handmade*, Bloomsbury 2021) and spoken extensively (Royal Institution, Cheltenham, BBC Radio 3) about humanity's astonishing and complex relationship with materials, how they have shaped us and have been shaped by us throughout history and how 'smart materials' could define our lives in the near future.

Professor Robert Winston

He is a medical doctor, distinguished scientist, particularly in the area of human fertility. He, like most of our contributors, has the gift of being able to communicate in a most engaging way. Not surprisingly he is also a well-known television presenter and in addition he is also a politician who sits on the Labour Party benches in the House of Lords.

Professor Dave Cliff

He's a high-flying academic (at Bristol) but he's been a research scientist in the area of computers for a number of large companies including Hewlett-Packard and Deutsche Bank. He is in an exceptional position to look at the unbelievable new developments shortly to be upon us in the world of computers. His talk is called *Computer Whizz: the best is yet to come*.

Professor Steve Jones

A leading research geneticist (at University College London) and a prolific author with many beautifully written books on evolution. The most recent is on his hero Darwin. He will be giving a fantastic new talk, *Not just in black and white: how humans evolved*.

Dr Helen Czerski

She is a physicist, oceanographer and broadcaster, based at University College London and is a presenter for the BBC. Her time in the laboratory is spent carrying out experiments to study the fundamental physics of coated bubbles, something which also leads her out to sea to catch the bubbles in action. Her research has ranged from experimental explosives physics to her current work on bubbles and fluid dynamics, stemming from a fascination with the world of small-scale phenomena.