



Farmor's School

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Year 7 Trip to Cheltenham Science Festival

Dear parents & carers,

The Science Department are delighted to offer 105 Year 7 students the opportunity to attend Science shows, workshops and activities at the Science festival in Cheltenham on **Thursday 5th June 2025**.

Throughout the day, students will enjoy spectacular shows, get hands-on in class-sized workshops and step into interactive Discover Zones. Students will explore extreme climates or live dissections during the shows. In the workshop students will become digital detectives or will examine how different materials can be used to solve real-life global challenges. Finally, in the Discovery Zone students will immerse themselves in a world of fun and interactive science and quiz scientists on cutting edge-research to uncover how they can become future changemakers. These activities will offer further enrichment to the Science content currently being taught in Year 7 science lessons.

The trip will depart from Farmor's School at 08:40 and students will return to school at 16:10. Please make arrangements to pick them up at this time as they will not be back in time for buses.

As this trip is not an essential part of the curriculum, we are requesting a voluntary contribution of **£26.50** per person to cover the cost of the tickets and transport. Should insufficient contributions be made then the visit may not be able to proceed.

Places are limited to 105, therefore if you wish your son or daughter to go on the trip, please make the **payment of £26.50 via Parent Pay by midday 26th March**. After that date, should there be more people wanting to go than there are places available, names will randomly selected to determine who attends. If your son/daughter is not selected at this stage, they will then go on a waiting list; your payment will be returned if they are not allocated a place. Students will need to bring a packed lunch (with no nuts), a water bottle and wear school uniform but should bring a coat in case of rain.

Farmor's School believes that all students should have equal opportunity to benefit from school activities independent of their parents' financial means. We endeavour to minimise the financial barriers that may prevent some students from taking advantage of these opportunities. If you need financial help to cover the trip cost, please look at the school's website for information about how to apply for help with the costs:

<https://www.farmors.gloucs.sch.uk/parents-and-students/free-school-meals-and-financial-help>
and contact me by email.

Thank you,
Kind regards,

Dr Giulia Morieri
KS3 Science Co-ordinator



Discover Zone

Immerse yourself in a world of fun and interactive science in the Discover Zone. Journey through and get hands on with science, quiz scientists on their cutting-edge research and uncover how you can become a future changemaker. Who knows what you might discover...

Thursday 5 June

Fish Inside Out

Town Hall, Main Stage



Discover the world of marine life and conservation with a live dissection on stage in this extraordinary show.


Get a close-up view beneath the scales with marine biologist **Russell Arnott** and his expert commentary. See how fish breathe, eat, swim and survive in this live demonstration and gain a valuable insight into marine life.

 Interactions and interdependencies (ecosystems), Genetics and evolution, Structure and function of living organisms

Digital Detectives



Could you be a master coder? When someone moves through cyberspace, they leave a trail of information 'breadcrumbs' for others to find and use. But what if that person is up to no good? Can you stop them? Put your digital detective hat on with the **Lockheed Martin** team to learn all about cyber security and predict their next move.

 Computer science, Coding, Data, Physics



Thursday 5 June

Extreme Climates

Parabola Arts Centre

Prepare for a storm chasing adventure as you explore the extremes of our planet with climate scientist and TV presenter, **Mark Langtry**. Harness hurricanes and twist tornados as you investigate our changing climate. This high energy show will make you feel powerful about your future and inspire you to make a positive impact on our world.

 Living things and habitats, States of matter, Properties of materials, Earth and space, Forces

Mysterious Materials



Town Hall, Pillar Room

Everything is made of something, but how can different materials be used to solve real-life global challenges? Delve deeper with scientists from **Discover Materials** to examine how different materials behave, before using your new-found knowledge to solve the puzzle and crack the code in this activity-filled workshop.

 Materials, Matter, Atoms and elements, Problem solving

Discover Zone

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