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Dear Parents,

Trip to Harwell Science and Innovation Campus - Wednesday 26th June 2024

As part of our commitment to STEM and careers, we will be taking a group of Year 8 students to the Harwell Science and Innovation campus Open Day. We were extremely lucky to be allocated a place, there are still over 2500 people on the wait list! The day will consist of both a tour and workshop:

**Tour: Mobile Planetarium.** In this show, pupils will experience the night sky in all its glory from the comfort of our mobile planetarium. Our demonstrators will show pupils the constellations with some of the mythical stories behind them. In a journey around our Milky Way, children will appreciate just how old and far away the planets and stars that we can see in the sky actually are, whilst learning about the technology that we use to find out more about the Universe we live in.

**Workshop: Diamond Light Source** Diamond Light Source is a particle accelerator that uses a beam of electrons travelling at almost the speed of light to create intense, powerful beams of light. We use this light to study the atomic and molecular structure of materials - everything from viral proteins to engine parts and ancient texts - to help scientists understand more about the way the world works. Join the scientists and engineers at Diamond for this special workshop!

We will be leaving school by coach at 9:15am and returning at approximately 3:25pm.

Students will need to wear school uniform. Please bring a coat in case of rain, and a sun hat and sunscreen, weather dependent, as we will be outside for some of the day. Please note, the venue has clearly stated that students must not wear open toe shoes under any circumstances for health and safety reasons. Students will need to bring a packed lunch and water bottle.

This trip has zero cost to parents as the majority is covered by STEM funding and the remainder will be covered by the Computing department. There are however only 30 places available. Should your child wish to attend the trip, you must complete this [form](#) by Friday 19th April. 30 students will then be chosen at random to attend and a waiting list formed. If successful, you will be informed by Tuesday 23rd April 2024.

Thank you.

Mrs H Bristow

Head of Computing

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