

January 2024

Dear Parents/Carers

Particle Physics Masterclass – Rutherford Lab, Oxford

The Physics Department is organising a visit to Rutherford Laboratory, Oxford on **Thursday 14th March 2024** for all pupils taking A level Physics. The Masterclasses at Rutherford Appleton Laboratory (RAL) provide the chance to hear talks by leading Particle Physicists from RAL and CERN, a tour of one of the particle accelerators (the ISIS Neutron and Muon Source and Diamond Light Source) and use data from the Large Hadron Collider to find a Higgs Boson with staff from RAL's prestigious Particle Physics Department.

The details of the trip are as follows:

Date:	Thursday 14 th March 2024
Venue:	Rutherford Lab, Oxford
Departure:	7.00am (Meet in Sc2)
Return:	7.00pm approx.
Lunch:	Refreshment and Lunch Provided
Dress:	Non-uniform - sensible footwear and warm clothing
Transport:	Coach
Cost:	£38 per pupil

This trip will be covered by school insurance and accompanied by members of staff. This trip requires us to pre-purchase transport/tickets to obtain the best price. Therefore, we will be unable to offer a refund unless there are exceptional circumstances in the event of your child being unable to attend the trip.

If you are happy for your child to attend this trip, could you please complete the Consent Form attached and return this to the Physics Department and make payment via Scopay no later than Friday 1st March 2024.

Scopay is the preferred method of payment for all trips, visits and school activities. If you visit www.scopay.com you will see payment details. If you have mislaid your Scopay login details please call Pupil Services. Should you still wish to pay by cash or cheque please hand into Pupil Services (cheques should be made payable to *Rayleigh Schools Trust*). If you have any Scopay queries regarding this trip, please contact Mrs A Twomey (atwomey@sweynepark.com). Consent forms to be handed into the Art Department once payment has been made no later than Friday 1st March 2024.

If there are any financial difficulties, please contact the Headteacher, Mrs Dines, in the strictest confidence.

Any pupils who require medication must ensure that they bring this with them.

If you have any queries concerning the trip please contact me at the school.

Yours faithfully

Mrs S Compton
i/c KS5 Physics