

# Year 10 to Cavendish Laboratory

*On the 22nd September, the Physics Department organised for 40 Year 10 students to be taken to the renowned Cavendish Laboratory, part of the University of Cambridge.*

This was to attend their 'Physics at Work' exhibition, where we took part in many different workshops, each displaying different fields of study in Physics. These included Nanophotonics and Optoelectronics - which may sound like long complicated words - but they make much more sense having learnt a bit about them. It was a particularly breath-taking experience to participate in the superconductor workshop, where one of the university's postgrad students had set up a demonstration, replicating maglev (magnetic levitating) trains using liquid nitrogen, creating the conditions required for superconductivity. We were also lucky enough to have some hands-on experience with innovative technologies used in the medical field, such as programmes that help train surgeons and ultrasound scanners. Overall the trip was a remarkable experience, as well as educational of course and I hope that next year's Year 10s have the opportunity to visit the exhibition too.

*Anika, 10E*

