



GRADUATE TEACHING  
ASSISTANT

DEPARTMENT  
INFORMATION



ETON  
COLLEGE



# 01

## SCIENCES

Students can engage with science at Eton in meaningful ways both in and out of the laboratory. Academically, boys begin in year 9 on a rota that takes them through the biology, chemistry and physics departments to give them a taste for each science. The majority of students then pursue all three sciences for GCSE. Many will continue beyond GCSE to achieve A Levels in their chosen sciences too. While each scientific department is unique, there is plenty of collaboration between disciplines. Each department is comprised of approximately 10 teachers and is supported by its own team of technicians. The high number of students pursuing GCSEs and A Levels means we see students from the full ability range and seek to support those with specific special educational needs, while also extending students beyond the syllabus where appropriate.

Outside of the laboratory, there is a rich cocurricular offering to complement the boys' interests. This includes thriving societies, such as the Scientific, Environmental and Medical societies which meet several times each term. Students are also encouraged to enter a range of essay prizes and competitions to build their understanding of science beyond the curriculum. STEM initiatives have also grown in recent years, with STEM club for the younger boys and more independent STEM projects taken on by A Level students.

Finally, we take pride in the partnership and outreach opportunities we offer in the sciences. These take place throughout the term and feature collaboration with a range of local schools, our teachers and our students.



## COMPUTER SCIENCE

The Computer Science Department is a dynamic, fun and lively team of 6 members of staff who all share a passion for technology and how we can help our students harness its potential to impact our world in a positive way. We teach Edexcel (1CP2) GCSE Computer Science to approximately 200 students, making it an extremely popular optional subject which students already see the value in studying. Our A Level Computer Science (OCR H446) course currently attracts 30 students (each year) with the majority of students hoping to study it further at university or pursue a degree apprenticeship in the field of software engineering. We also teach our A Level students a short course in iOS app development using Swift and SwiftUI.

We would love the successful candidate to:

- Get stuck-in to all aspects of department life, including contributing to the development of new and better ways for helping our students deepen their understanding and love of the subject as well as co-teaching alongside the support and guidance of members of the department.
- Get alongside students on a 1:1 basis, specifically helping them to debug their code and guiding them towards more effective problem solving techniques
- Play a leading role in out-of-curriculum enrichment opportunities in coding, robotics and/or cyber security.

# 02





# GEOGRAPHY

We currently have 9 geography teachers in the department.

All year 9 boys have 2 lessons per week of geography. Approximately 150 boys continue to GCSE which includes field trips to the Jurassic Coast and Windsor and an optional expedition to Iceland. We study the domestic AQA GCSE in years 10-11, the range of grades achieved is typically 5-9, with the majority being 8s and 9s. Approximately 45 boys continue to A-level which includes field trips to Dartmoor, Oxford, London and an optional expedition to Venice. We study the CAIE International A-Level in years 12-13, the range of grades achieved is typically C – A\*, with a 5 year average of 55% A\*

We have an active Geographical Society that hosts talks, runs quizzes and organises outings to events and other schools.

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