



# **Gordon's School Science Department**

## **Introduction**

The Science department consists of 9 full time teachers, including the Head of Department. We are supported by 3 full time technicians and 1 part-time technician. The Department teaches across 6 dedicated laboratories, all with interactive whiteboards, and 2 classrooms. Currently, year KS4 pupils are either entered for separate Sciences (GCSE Biology, Chemistry and Physics) or GCSE Combined Science with a small number of students being entered for Entry Level Certificate in Science. The Sciences are a very popular choice post-16 and post-18; over 50% of our Year 13 students choose to continue studying Science or Science-related subjects at university or at an apprenticeship.

## **Examination results**

Examination results in the Science Department have been consistently high for a number of years. In 2017, 98% of GCSE Science grades were A\*-C with 55% of students being awarded an A\* or A. At A level, 68% of students gained A\*-B grades in Biology and 64% in Chemistry. Both these departments achieved an ALPS 3 grade or better. In A-level Physics 38% of students achieved A\*-B grades in Physics and 82% gained A\*-C grades.

The results reflect the academic nature of the Department and the high expectations placed upon both our staff and students. The popularity of the Sciences at Gordon's is reflected in the uptake at A-level, with pupil numbers of 40, 29 and 23 at AS Biology, Chemistry and Physics respectively.

## **Extra-curricular activities**

Each year, a variety of Science based activities take place. These include, amongst others, entering pupils for the, Biology, Chemistry and Physics Olympiads, entering teams of pupils for THE Siemen's Challenge, attending lectures, and trips, for example to CERN.

The Science Department is also an Associate member of The Prince's Teaching Institute and both staff and students are given the opportunity to attend academically stimulating and challenging lecture days on a variety of topics.