Science

The Science department at The Bishop Wand School is rapidly becoming consistently outstanding. Our attainment at GCSE has substantially improved over the last few years and at 'A' level all 3 Sciences achieved an ALPS grade 1-3 last year placing us in the top 25% of schools nationally.

In Y7 & 8 we teach in mixed ability tutor groups delivering a KS3 curriculum using an exciting resource called 'Activate'. The course has been designed to capture the imagination of students at every opportunity. Science teachers are using interactive teaching materials and engaging activities to build around the key areas of student motivation, personalisation, and the integration of How Science Works. Students are assessed for each topic and their progress is monitored throughout the course.

At GCSE we follow the AQA Science specifications, with our most able students studying 3 separate sciences Biology, Chemistry and Physics and other students following the Combined Science course. Students are placed in sets from Y9 onwards allowing smaller class sizes to ensure students progress well.

Many students choose to take 'A' level sciences at Bishop Wand and study the following courses:

- Biology - OCR specification A
- Chemistry - OCR specification A
- Physics - OCR specification A

Extra-Curricular Activities

We pride ourselves on the opportunities we provide to students outside the classroom as well as in lessons. Students go on visits and to lectures and have participated in events such as Surrey SATRO – Go4Set, CISCO App Challenge and BP Young Scientist Challenge.

Key Stage 3 students participate in a Science and Engineering Club which is linked to STEMNET (Science Technology Engineering Maths Network) to promote Science and encourage students to study it beyond A level.

We field teams in lots of competitions including the "Water Rocket Challenge" at the National Physical Laboratory and University Challenge at Royal Holloway.

At The Bishop Wand School we offer a broad and balanced curriculum with opportunities for all students to join in the fun and develop their understanding of Science in an ever changing world.



