

SCIENCE SECTION

The Science Section offers a wide variety of science courses. Students can choose to study A Levels in Physics, Chemistry, Biology, Electronics, or Extended Diplomas and Extended Certificates in Applied Science. The Section still offer AS levels in Biology, Chemistry, Electronics and Physics. In addition, we offer a Level 3 Extended Certificate in Animal Management, a Level 2 in Applied Science, a GCSE trilogy course and GCSE Biology. The most recent addition is the Technical Certificate in Engineering.

We have a history of good pass rates and excellent support for students. Many of our students progress to HE applying to University for science related courses including Medicine, Veterinary Medicine, Engineering and Oxbridge including with BMAT.

Our top applied scientists develop exceptional practical skills preparing them for careers working in the science industry and past students have received offers for competitive courses at prestigious universities including Warwick, Sussex and Southampton.

The staff in the section are committed to supporting students to excel and there are many opportunities through lessons, extension work and the VLE to extend knowledge beyond the curriculum and discover how important and relevant science is in the world today.

Past students have been involved with STEM projects including an autonomous robotic drone and Nuffield Bursary placements at Sussex and Brighton Universities.

Courses offered include:

AS/A level Chemistry
AS/A level Biology
AS/A level Physics
AS/A level Electronics

Extended Diploma in Applied Science
Subsidiary Diploma in Applied Science
Extended Certificate in Animal Management
Technical Certificate in Engineering

GCSE Biology
Trilogy Science
Level 2 Science

The staff in the section are committed to supporting students to excel and there are many opportunities through lessons, extension work and the VLE to extend knowledge beyond the curriculum and discover how important and relevant science and maths are in the world today.

The section provides significant enrichment activities, including the Nuffield Bursary scheme/CREST awards, STEM project, the Maths Challenge and Biology Olympiad. Students have had significant success in this area being recognised nationally for their achievements. Past students have been involved with STEM projects including developing a covert listening device and Nuffield Bursary placements at Drusillas, Sussex University and at a local hospital achieving gold CREST awards in the process.

The section is well resourced with two chemistry, two biology, one physics laboratory and two general laboratory plus class rooms for non-laboratory classes. A new engineering block with a CAD room, along with two new laboratories is being build to open in September 2020. There are three specialist technicians who support the area and we are in the process of appointing a Animal Management Technician.