



KINETON HIGH SCHOOL AND SIXTH FORM

SCIENCE DEPARTMENT

The Science Department at Kineton High School aims to provide an environment that maintains students' curiosity for Science, regardless of whether or not they go on to study it at a higher level. We believe that Science is diverse and exciting. It helps students to explore the world around them and understand so many things that have relevance to daily life. Science is an integral part of the curriculum at Kineton High School. Results are strong in GCSE courses and A Level Sciences are popular choices.

Staffing

The team consists of 5 permanent full-time teaching staff and 2 part-time. These are a mix of experienced and dedicated staff who motivate and help students to achieve their full potential and are ably assisted in this by three specialist technicians. The department works as a team supporting all members of staff and is proud of its ethos and collaborative approach.

Laboratories

There are 7 specialised laboratories fully equipped with wireless computers linked to the school network and internet. All staff teach in their own laboratories which are located in subject areas.

There are 2 preparatory areas, one specialising in Biology and Chemistry, the other Physics. These are run by specialist technicians.

Programme of study

At KS3 (Years 7 and 8) the department has developed its own scheme of learning based on Nelson Thornes 'Fusion'. Each unit is assessed via exam questions during the topic and larger exams at reporting points. Scientific enquiry skills are taught throughout the course and assessed during each topic via an investigation.

At KS4 (Years 9-11) Year 9 all study the AQA triple award course, students are then selected at the end of Year 9 to study triple Science or combined science trilogy through Years 10 and 11.

At KS5 the department offers three Advanced Level courses. AQA Biology, AQA Chemistry and AQA Physics. All Advanced Level courses are taught by specialists.

Groups

- Y7-9 are taught in other subjects sets or mixed ability groups.
- Y10 and 11 are taught Triple, higher or Foundation groups.