

MYTON  SCHOOL  
DEPARTMENTAL INFORMATION  
THE SCIENCE DEPARTMENT

## THE DEPARTMENT

Led by Jo Benjamin, this is a fast developing and innovative area of the school and consequently Science is an extremely popular and successful subject at Myton. As the largest department in the school, we are an enthusiastic, supportive and friendly team of 18 Teachers and 5 Technicians. Staff teach their specialism at KS4 and KS5.

## FACILITIES AND RESOURCES

We have our own modern purpose-built building, offering a total of 12 well equipped labs, with Smartboards in every lab, and also an ICT suite. We have a computer room in the Science block and a class set of iPad Airs with data-logging apparatus to help staff provide imaginative and interactive learning experiences for our students. We are also undergoing a programme of lab refurbishment to refresh the learning environment.

## OUR PHILOSOPHY

We want to be the best at what we do so we focus on developing and up-skilling our staff and providing opportunities for professional development. Our schemes of learning are very enquiry and practical-work driven. We aim to develop 'young scientists' rather than simply students of science. We encourage students to question and investigate, relating the theory they study in the classroom to their everyday lives. Students learn through practical experience at every opportunity and develop skills in speaking and recording what they have learnt using sophisticated and precise vocabulary.

## OUR ACHIEVEMENTS

We had our best ever Science results this year (2017/18). Due to the nature of the department, staff are continually involved in a great range of curricular and extra-curricular activities and work with a vast range of partner schools and Universities. We pride ourselves on offering the triple sciences to the majority of students at KS4 and our combined science results are significantly above those of similar schools. Subsequently, uptake at KS5 is high and rising, leading to many students pursuing science related subjects at degree level.

## THE CURRICULUM

We have a practical and skills focussed curriculum at KS3 and KS4, relating science to the world around us and to other subjects.

### KEY STAGE 3 (Y7 – 8)

KS3 is taught over two years. We have developed a challenging curriculum designed to develop the practical skills as well as the knowledge and understanding required by the new GCSE exams. Students in Years 7 and 8 currently study Science for six one-hour periods a fortnight.

### KEY STAGE 4 (Y9 – 11)

Our year 9 students have the option of studying either the AQA "Combined Science Trilogy" or separate science specifications through to year 11 and we now have large numbers taking separate Science GCSEs. AQA Combined Science and AQA Biology, Chemistry and Physics.

### KEY STAGE 5 (POST-16)

Our 6th Form was judged as Outstanding by Ofsted in February 2018. 'A' Level courses are offered in Biology (OCR A), Chemistry (OCR A), Physics (OCR A) as well as a BTEC Level 3 in Forensic Science. We usually have two A-level classes per year in each of Biology, Chemistry, Physics and one class for BTEC Forensic Science

## WHY JOIN US?

We welcome motivated and creative science specialists looking to develop their career in a successful school. The School recognises the importance of the Science curriculum and is seeking someone who can innovate, inspire, experiment, create their own vision and be supported in its implementation. We invest in all staff and there are frequent opportunities to gain wider experience according to areas of interest and expertise.