


MYTON  SCHOOL
DEPARTMENTAL INFORMATION
COMPUTER EDUCATION

THE DEPARTMENT

The Computer Education Department currently has four specialist teachers and the School also has a skilled team of IT Technicians comprising an IT Network Manager, and two Assistant IT Technicians.

FACILITIES AND RESOURCES

The school has an extensive wired and wireless network, with over 900 workstations. Eleven specialist computer rooms are available and smaller clusters of networked computers are located in other Department areas and the Learning Resource Centre. In addition, there are bookable tablets in the Learning Resource Centre and a separate bookable resource of 30 laptops. As a department we have a range of specialist hardware including Lego Mindstorms robots, Raspberry Pi computers and collection of components students use to build PCs.

OUR PHILOSOPHY

As a Department we believe that every student has the potential to excel. We work hard to ensure that students are engaged in an exciting and fulfilling curriculum that gives them the opportunity to explore a wide range of computer based learning from coding in Python to developing websites in HTML, Javascript and PHP. We also expose students to the industry standard software and its applications such as Microsoft Office 2016, Serif and Adobe creative suite.

OUR ACHIEVEMENTS

The Department's results are consistently strong with well over 90% achieving at grade C and above in both Computer Studies and ICT. We run a number of extra-curricular activities including a Robot Club for Year 7, regular workshops for years 9 to 11 and give opportunities for students to explore computing using the BBC Micro-Bit mini-computer. We have organised trips to various venues including Disneyland Paris, Harry Potter world and Bletchley Park to see Computing and ICT in action.

Myton is designated as a Lead School by the organisation "Computing at School". The award reflects our school's expertise in and commitment to computing and means we will take a lead in the area, cascading good practice and experience to other schools. In addition to this we are a CAS Hub, and as such will be hosting meetings to bring together a wealth of teaching expertise and share informal training in our subject. This includes colleagues from universities and other schools and will aim to develop links with local communities.



THE CURRICULUM

KEY STAGE 3 (Y7 — 8)

All students have two discrete Computing lessons per two week cycle in Year 7 and in Year 8. The subject aims to develop computing and ICT capability and skills in all students.

KEY STAGE 4 (Y9 — 11)

From Year 9, students have the opportunity to study OCR GCSE Computing, or CIDA optional subjects. There is good uptake with well over 100 students opting for the subjects each year.

KEY STAGE 5 (POST-16)

In the Sixth Form, the OCR Computing A Level and OCR Cambridge Technical in IT are offered again with good numbers opting for the subjects.

WHY JOIN US?

If you join our team you will be part of an experienced teaching team and can be assured of excellent support and CPD throughout your career.