

## **Overview**

We passionately believe that every student at Magdalen College School should have an enriching experience of Art, Design & Technology and Computer Science, which enables them to achieve their very best. We place great emphasis on delivering relevant and engaging projects that inspire pupils to develop an honest interest in chasing their aspirations within the faculty subjects.

We currently have high numbers of students taking up subjects from the Art Suite, Computer Science Suite and the Design and Technology Suite of subjects. Outcomes are excellent and improving and are the result of a range of strategies to engage students in creative and practical subjects which enhance their love of learning and their understanding of the world around them.

All faculty subjects provide a vital part of every child's education. As well as furnishing their own body of knowledge, they bring together skills and information learned in other areas of the curriculum. We encourage the development of self-reliance, adaptability and initiative in students.

These subjects are popular and successful subjects at Magdalen College School. There is a high take up for GCSE and AS/A2 in all subject areas. The team are committed to raising standards and continually review their practice to ensure each child is given the support needed to achieve their potential. This is an exciting opportunity for the successful candidate to work with a team of committed and specialist teachers to continue to move the department forward in terms of curriculum provision and quality of teaching and learning.

## **The Curriculum**

### **Art**

We offer GCSE Fine Art/Fine Art Creative Textiles and Photography (Lens and Light). We have an excellent A\* - C pass rate which has consistently been around 85%. Off-site visits to suitable destinations such as the Victoria & Albert Museum are offered to support learning.

At Post -16 we offer Fine Art, Applied Art & Design and Creative Textiles, and results are consistently high. Residential trips are run each year to destinations such as Venice, Florence, Barcelona and Rome, which offer stimulating environments for learning.

### **Computer Science**

Throughout Key Stage 3, students develop practical ICT and computing skills as well as team-work, communication, problem-solving, presentation skills and the ability to reflect on and evaluate their own work and that of others. At Key Stage 4 the role of Computer Science as a discipline itself is growing rapidly. This qualification focuses on how a computer works and provides students with the opportunity to write computer programs to control the computer hardware.

The A-level Computer Science qualification is designed to allow students to demonstrate knowledge of the fundamental principles of computer science including abstraction, decomposition, encapsulation, polymorphism, algorithms and data representation.

## **Design and Technology**

Design and Technology is taught to all pupils throughout Key Stage 3. At Key Stage 4, courses in Design and Technology (incorporating Graphics, Resistant Materials and Textiles) as well as Food Preparation and Nutrition, are all popular.

At Key Stage 5 we offer AS/A2 Product Design,

## **Facilities**

### **Art**

- In years 7 – 11, students use a suite of rooms on the Waynfilete site in the modern Dashwood Building which is large, light and airy. Textiles has specialist facilities, as do our photographers who use a suite of PCs.
- Post-16 students are provided with five studios at the St John's site, including a dedicated print-making room, and a small darkroom for wet photography. Each student has their own work area which enables our students to work uninterrupted on long term large scale works.

### **Computer Science**

- Two well-resourced rooms with networked PCs and a wide range of software, particularly suitable for all years.

### **Design and Technology**

- Workshops - 2 are equipped for multi-media work - (wood, metals and plastics), while a further two workshops are equipment towards modelling and clean work.
- Three computer rooms with networked PCs and a wide range of software, particularly suitable for exam courses
- A well-resourced Textiles room equipped with Bernina sewing machines
- Two well-resourced Food Studies rooms
- The technician's workshop which is well stocked with a good selection of machinery.

### **Staff**

In addition to the team of 13 teaching staff, the faculty has 3 technicians, providing support in hard technology, food technology, and art display. There is a TLR2b post within the faculty to support the Head of Faculty.