

Year 9 – Short Course in Computer Science and Creative Media Production Curriculum Intent

What the curriculum is designed to do

In year 9 pupils can tailor their learning by choosing from a range of mini options which give them a real opportunity to explore their chosen subjects in greater detail. In the department we offer students two key qualifications – the GCSE in Computer Science and the BTEC in Creative Media Production which they study for 2 hours each week.

How we deliver the curriculum

The qualifications are delivered by specialist teachers giving students the opportunity to fully explore the units being taught – a breakdown of these units is given below. The enthusiasm of our teachers for their subject area is contagious and this is reflected in the popularity of both qualifications. Furthermore, giving teachers the opportunity to specialise in an area for which they are passionate and have in-depth subject knowledge is pivotal in achieving the best outcomes for our students.

Computer Science

- Systems Architecture, Memory and Storage
- Data Representation – Images, Sound, Compression
- Computer Networks, Connections and Protocols
- Network Security and Systems Software
- Impacts of Digital Technology
- Programming Techniques

Creative Media Production

- Introduction to Media Sectors
- Digital Graphics and Print Production
- Audio and Moving Image Sector
- Audio and Moving Image Production
- Interactive Media

How we assess students

Students will complete at least one formative assessment per half-term to prepare them for the KS4 equivalent in years 10 and 11.

How it benefits students learning and personal development

Both qualifications give pupils excellent progression routes into higher education and offer a wide range of career opportunities which students can aspire towards. We aim to build a positive and progressive learning environment allowing students to further develop their interest and curiosity around the subjects which not only improves learning but make it an enjoyable experience for both students and teachers.