

WMG INTENT

Cambridge Technical IT Curriculum Intent

The intent of the Cambridge Technical Information Technology curriculum is to give UTC students an opportunity to develop their knowledge and understanding of the principles of IT and global information systems. The intent is to ensure students have useful knowledge, understanding and skills that can be applied in any Digital Technology setting in their future career and of particular use to students considering a career in computing, games development and cyber security.

The further intent of the Curriculum is to provide students with an insight into the IT sector as they investigate the pace of technological change, IT infrastructure, the flow of information on a global scale and important legal and security considerations. Students will also consider the important development in the sector around information security and how data should be protected and the response of the IT sector to emerging threats such as cyber terrorism.

Students are supported and encouraged to develop their love of reading and literacy skills on this course, by reading related cyber security news and articles and by completing regular extended writing activities.

Students are encouraged to develop their numeracy on this course by applying the mathematical skills relevant to data storage and units.

Suggested next step destinations after completion include relevant IT degrees such as, Computing and IT, Computing Science, Software Developments, Software Engineering, ICT and Computer Networks or Business Information Systems. It also provides access to higher apprenticeship schemes in Computing and IT related areas.

Related careers include working as an app developer; network support; systems analyst; cyber security specialist. This intent of the Curriculum is to also provide a good baseline knowledge, skills and understanding for students who undertake an Apprenticeship.

School Curriculum Intent

At WMG academy our curriculum intent is to provide a STEM focussed curriculum that prepares pupils for the world of work, we are business led; as such we provide a rigorous, expertly sequenced curriculum with engineering at the heart. Alongside the curriculum we have a nurturing pastoral support team providing enrichment and guidance, thoroughly preparing students to be career ready.

School Mission

WMG Academy aims to send students into the world with a professional attitude, an understanding of business and a mature approach to work.

Our 'business-like, business-led' ethos gives students a head start. Employers pay for apprentices to study and work, with many commanding generous starting salaries in secure industries.