



Confident communicators	Knowledgeable and experienced learners	Committed community contributors	See the future and are ready for it
Our curriculum provides planned opportunities for all students to improve their ability to articulate their views and ideas in a confident and fluent manner, through what they say; what they read; what they write and what they create. Through this our students develop in both self-belief and confidence in their ability to communicate in a variety of settings.	Our curriculum provides opportunities for all students, regardless of their starting points, to develop the tools needed to learn and acquire both knowledge and skills. Through carefully sequenced learning, students' resilience grows as they become increasingly independent and proactive learners, who are empowered to succeed.	Our curriculum provides opportunities to enhance the cultural, creative and technological capital of all our students so that they can all make personal contributions in the wider community. They are proud of their school; understand the world around them. They develop personal skills as well as leadership attributes in order to make a positive contribution.	Our curriculum provides the opportunities, qualifications and aspirations, so that our students are able to make informed choices at each milestone. They are knowledgeable and have high aspirations for their own success so that they can thrive within a 21 st century world. Our students are supported to develop the skills to face uncertainty in new situations, and the resilience to persevere when faced with new challenges.

Computer Science & ICT

Our students will confidently talk and write about how technology can have an impact in everyday life. They will be able to link different experiences of computing together to tackle a range of ethical and moral issues.	Our students will develop the ability to solve problems through decomposition & abstraction, and will be able to articulate the methods to stay safe online in real life situations.	Our students will develop a clear understanding of their role and responsibilities as 'netizens'. They will gain knowledge of the ways they can contribute to a safer online community and make positive contributions.	Our students will be able to apply the skills that they have developed to personal experiences and real life simulations. They will clearly understand that the skill and knowledge they are developing is transferable academically, and in every aspect of life.
---	--	---	--

What are we trying to achieve?
Intent

<p>By the end of Key Stage 3 our students will be able to:</p> <ul style="list-style-type: none"> • Produce programs using sequence, selection and iteration • Be confident in the use of the Microsoft Suite • Be familiar with the use of computing key terms when writing and speaking 		<ul style="list-style-type: none"> • They are able to breakdown a problem using decomposition and abstraction • They are able to understand the evolution of technology and its impact on society and people. 	
<p>By the end of Key Stage 4 our Computer Science students will be able to:</p> <ul style="list-style-type: none"> • Apply knowledge and understanding to interpret, analyse and evaluate computing information on a range of issues • Create Python programs using a variety of programming techniques to meet a set of requirements 		<p>By the end of Key Stage 4 in our iMedia students will be able to:</p> <ul style="list-style-type: none"> • Demonstrate understanding of pre-production skills through: analysing client brief, planning, producing & reviewing a product based on client requirements <p>(We offer OCR Computer Science & OCR iMedia qualifications to fit the needs of the students)</p>	
<p>By the end of Key Stage 5 our Cambridge Technical students will be able to:</p> <ul style="list-style-type: none"> • Demonstrate knowledge and understanding of ethical and operation issues and threats to computer systems • To be able to analyse & evaluate employability and communication skills used in an IT environment 		<ul style="list-style-type: none"> • To investigate the legal and regulatory framework governing the storage and use of global information • To assess the use of global information and the benefits to individuals and organisations <p>(We offer OCR Cambridge Technical Introductory Diploma at Key Stage 5)</p>	