

Subject Name:	Computer Science and Information Technology		
Key Stage 5 (A Level and B Tech)			
Curriculum Intent Statement			
<p>Our intention is to equip pupils to develop their computational thinking skills and creativity to solve a variety of problems. To build an understanding of the workings of digital systems and the importance of online safety and its impact. Our teaching of both Computing and ICT will provide students with the future-proof skills and knowledge of using and creating digital technologies that will prepare and enable them to fully participate in a technology-driven world.</p>			
Autumn Term 1			
BTEC IT	Unit 1 – Information Technology Systems		BTEC IT
	<ul style="list-style-type: none"> • Digital devices • Peripheral devices and media • Operating systems • Utility and application software • Emerging technologies • Choosing IT systems • Transmitting data • Connectivity • Types of network 		Unit 3 – Using Social Media in Business <ul style="list-style-type: none"> • Social media websites • Business use of SM • Risks & Issues • Complete Assignment A
Autumn Term 2			
BTEC IT	Unit 1 – Information Technology Systems		BTEC IT
	<ul style="list-style-type: none"> • Data transmission • System diagrams • Operating online • Online systems • Online communities 		Unit 3 – Using Social Media in Business <ul style="list-style-type: none"> • Social media planning • Business requirements • Content planning and publishing • Developing online community • Developing SM policy

Spring Term 1	
BTEC IT Unit 1 – Information Technology Systems <ul style="list-style-type: none"> • Protecting data and information • Threats to data • Protecting data methods • Encryption, protocols, digital signatures • Legislation • Access control 	BTEC IT Unit 3 – Using Social Media in Business <ul style="list-style-type: none"> • Reviewing and refining plans • Complete assignment B • Creating accounts and profiles • Content creation and publication • Online community building
Spring Term 2	
BTEC IT Unit 1 – Information Technology Systems <ul style="list-style-type: none"> • Online services • IT systems in organisations • Sourcing and collecting data • Using and manipulating data • Privacy and ethical issues • Global and environmental issues 	BTEC IT Unit 3 – Using Social Media in Business <ul style="list-style-type: none"> • Data gathering and analysis • Skills knowledge and behaviours • Complete assignment C End of unit 3
Summer Term 1	
BTEC IT Unit 1 – Information Technology Systems Revision for June exam	BTEC IT Revision for June exam – Unit 1
Summer Term 2	
BTEC IT <ul style="list-style-type: none"> • Start next unit 	BTEC IT <ul style="list-style-type: none"> • Start next unit