


Department	ICT	 HeathPark EVERY PUPIL ALWAYS IN FOCUS
Key Stage	KEY STAGE 5	
Course Level	CAMBRIDGE TECHNICALS IT – Introductory Diploma	
Exam Board	OCR	

Dates Delivered	Unit Title	End Points	Substantive Knowledge What will they learn about in this topic?	Disciplinary Knowledge What subject concepts will be developed through this topic?	Assessment Method	Key Course Guides & Reading
Year 12 Autumn Term 1	Internet of Everything	Students will develop an understanding the use of the internet and how it is impacting people and society	Concept of IOE 4 Pillars of IOE Projects that extend the scope of IOE A Business development project	<ul style="list-style-type: none"> • Where IOE is used • The applications of IOE • Global impacts • The 4 pillars • IOE to allow people to make decisions • Security issues • IOE developments • A business proposal • Stake holder considerations 	Internally assessed	www.cisco.com http://www.postscapes.com/internet-of-things-examples/ http://www.inc.com/bill-carmody/understanding-the-impact-of-iot-internet-of-things.html http://blog.orbitahealth.com/bebaio/four-pillars-to-the-internet-of-everything http://blogs.cisco.com/digital/beyond-things-the-internet-of-everything-takes-connections-to-

						the-power-of-four http://www.slideshare.net/sauravmawandia/io-final-32954810
Year 12 Autumn Term 2	Fundamentals of IT	Students will develop an understanding of hardware, networks, software and the ethical use of computers in businesses	<p>Understand computer hardware</p> <p>Understand computer software</p> <p>Understand business IT systems</p> <p>Understand employability skills</p> <p>Ethical & operational issues</p>	<ul style="list-style-type: none"> • Computer Hardware • Computer components • Computer systems • Connectivity methods • Trouble shooting • Number systems • Software • Operating Systems • Protocols • Servers • Virtualisation • Networking • Communication skills • Attributes • Ethical issues • Digital & physical security 	Externally assessed (Exam)	www.cisco.com www.comptia.org What is a Computer Network? - Types & Definition - Video & Lesson Transcript Study.com http://searchsecurity.techtarget.com/definition/social-engineering http://www.computerhope.com/jargon/p/privfilt.htm
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<p>Year 12 Spring Term 3</p>	<p>Social media & digital marketing</p>	<p>Students will develop an understanding of how social media has increased massively and is now a worldwide phenomenon</p>	<p>Understanding digital marketing Understanding use of social media in a business Plan content for social media channels in digital marketing campaigns Develop social media digital campaign</p>	<ul style="list-style-type: none"> • Digital marketing • Digital marketing as business tool • Marketing life cycles • Primary and secondary research • Legislation & business policies • Ethical and moral issues • Planning techniques • Effectiveness of digital marketing campaigns 	<p>Internally assessed</p>	<p>https://www.business2community.com/digital-social</p> <p>https://digitalagencyencyclopedia.com/work/social-media-campaigns/</p> <p>https://www.talkwalker.com/blog/best-social-media-campaigns</p>
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Year 13 Autumn Term 1a	Social media & digital marketing	Students will develop an understanding of how social media has increased massively and is now a worldwide phenomenon	<p>Understanding digital marketing</p> <p>Understanding use of social media in a business</p> <p>Plan content for social media channels in digital marketing campaigns</p> <p>Develop social media digital campaign</p>	<ul style="list-style-type: none"> • Digital marketing • Digital marketing as business tool • Marketing life cycles • Primary and secondary research • Legislation & business policies • Ethical and moral issues • Planning techniques • Effectiveness of digital marketing campaigns 	Internally assessed	<p>https://www.bu-sinness2community.com/digital-social</p> <p>https://digitalagencynetwork.com/work/social-media-campaigns/</p> <p>https://www.talkwalker.com/blog/best-social-media-campaigns</p>
Year 13 Autumn Term 1b & Spring 2a	Global Information	Students will develop an understanding of information in the public domain, globally, in-cloud and across the internet by individuals and organisations. They will understand good data and information is essential.	<p>How information is held globally and transmitted</p> <p>Understand styles and classification of information</p> <p>Understand the benefits to individuals and organisations of global information</p> <p>Legal framework for storage and use of global information</p> <p>Understand the process and flow of information</p> <p>Principles of information security</p>	<ul style="list-style-type: none"> • Holders of information • Types of information • The internet & www • Information formats • Information classification • Quality information • Information management • Data analysis and tools • Legislation • Green IT • DFD's • Risks & security 	Externally assessed (Exam)	<p>www.bmware.com</p> <p>https://www.bu-sinness2community.com/digital-social</p> <p>https://digitalagencynetwork.com/work/social-media-campaigns/</p> <p>https://www.talkwalker.com/blog/best-social-media-campaigns</p>

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Year 13 Spring Term 2b & Term 3	Data Analysis	Students will develop an understanding of actively using data analysis techniques for decision making.	Purpose and stages of data analysis Client requirements of data analysis Data design solutions to stake holders	<ul style="list-style-type: none"> • Data types • Stages of data analysis • Accuracy of data • Techniques • Qualitative and quantitative data • Data models • Data documentation • Evaluation of data 	Internally assessed	www.bmware.com https://monkeylearn.com/blog/data-analysis-examples/ https://www.fullstory.com/blog/qualitative-vs-quantitative-data/ https://blog.hubspot.com/marketing/data-flow-diagram