



## KS4 BTEC LEVEL 1/ 2 TECH AWARD IN DIGITAL INFORMATION TECHNOLOGY

The digital sector is a major source of employment in the UK. In 2020 the Digital sector in the UK advertised 90,000 jobs per week. Digital skills span all industries, and almost all jobs in the UK today require employees to have a good level of digital literacy. The UK Tech industry as a whole employs over 2.93 million people and has seen 40% growth between 2017-2019. The UK has positioned itself to be the 'Digital capital of Europe' as it continues to invest billions every year in digital skills and commerce. The modern world expects digital skills to be as important as English and maths. The BTEC Tech Award in Digital Information Technology is for students who want to develop their technical knowledge and technical skills through vocational contexts by studying the knowledge, understanding and skills related to data management, data interpretation, data presentation and data protection as part of their Key Stage 4 learning. Having both technical skills and business understanding is the key to success.

	Autumn Term	Spring Term	Summer Term
Yr10	<ul style="list-style-type: none"> <li>Overview of qualification (Careers)</li> <li>A1 User interface</li> <li>A2 Audience needs</li> <li>A3 Design principles</li> <li>A4 Designing an efficient user interface</li> <li>B1 Project planning techniques</li> <li>B2 Create a project plan</li> <li>B3 Create an initial design</li> <li>C: Develop and review a user interface</li> <li>C1 Developing a user interface</li> <li>C2 Refining the user interface</li> <li>C3 Review</li> </ul>	<ul style="list-style-type: none"> <li>Overview of Component 2</li> <li>A1 Characteristics of data and information</li> <li>A2 Representing information</li> <li>A3 Ensuring data is suitable for processing</li> <li>A4 Data collection</li> <li>A5 Quality of information and its impact on decision making</li> <li>A7 Threats to individuals</li> <li>B1 Data processing methods</li> <li>B2 Produce a dashboard</li> <li>C1 Drawing conclusions &amp; Recommendations based on the data</li> <li>C2 How presentation affects understanding</li> </ul>	<ul style="list-style-type: none"> <li>Overview of Component 3</li> <li>A1 Modern technologies</li> <li>A2 Impact of modern technologies</li> </ul>
	<b>October - Release of Component 1 PSA</b> Analysis of PSA Tasks 1-4 & Appendices. Assessment - 6-7 hours Marks to Pearson 14th December	<b>February - Release of Component 2 PSA</b> Analysis of PSA Tasks 1-4 & Appendices. Assessment - 6-7 hours Marks to Pearson April	



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	<i>Autumn Term</i>	<i>Spring Term</i>	<i>Summer Term</i>
Yr11	<ul style="list-style-type: none"><li>• <i>Component 3: B Cyber security</i></li><li>• <i>B1: Threats to data</i></li><li>• <i>B2: Prevention and management of threats to data</i></li><li>• <i>B3: Policy</i></li></ul>	<ul style="list-style-type: none"><li>• <i>C2 Legal and ethical</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Component 3 D Planning and communication in digital systems</i></li><li>• <i>D1 Forms of notation</i></li></ul> <i>Revision</i>
	<b>Impact:</b> <i>Component 3B Assessment Grades</i> <i>Year 11 Mock Grades - Component 1, 2 3(parts A &amp; B)</i>	<b>Impact:</b> <i>Component 3C Assessment Grades</i>	<b>Impact:</b> <i>Component 3D Assessment Grades</i> <i>Component 3 Final Assessment.</i>