

## EPCHS ICT & Computer Science Department: Year 11 Programme of Study

*To deliver lessons that allow pupils to confidently complete Components 1, 2 and 3 of the BTEC Digital Information Course. The priority for KS4 is to keep pupils active, engaged, and to most importantly develop skills that will be built upon throughout their school career, as well as equip them with the tools they will need to allow them to successfully complete their coursework and public examination at the end of Year 11.*

Year/Term	Unit of Work	Intent
Autumn	<p>Component 2: Collecting, Presenting and Interpreting Data</p> <ul style="list-style-type: none"> <li>• Skill building in Microsoft Excel</li> <li>• Performing more complex formulae</li> </ul>	<p>Throughout the course of this year; pupils will be continuing to work on coursework as well as begin exam preparation with a view to successfully completing Components 2 and 3 of the BTEC Digital Information Technology course.</p> <p>Within the Autumn term, pupils will develop and become equipped with sufficient skills which will allow for them to confidently complete some aspects of Component 2.</p> <p>All work completed within Year 11 will count towards the pupils final BTEC grade.</p> <p>The aim for this term is to:</p> <ul style="list-style-type: none"> <li>• Build upon previous (basic) Excel skills to be able to complete more complex formulae,</li> <li>• Complete a practice Excel project that comprises of similar formulae, features and functions to that of the coursework required to complete Component 2.</li> </ul>
Spring	<p>Component 2: Collecting, Presenting and Interpreting Data</p> <ul style="list-style-type: none"> <li>• Produce a Data Dashboard</li> </ul> <p>Component 3: Effective Digital Working Practices</p>	<p>The Spring term will be split into two half terms.</p> <p>Spring Term 2a – this half term will be a continuation of Component 2. Pupils will be required to produce a Data Dashboard and complete documentation in the form of an assignment to support and show understanding. Pupils will also be required to make recommendations based on the information displayed within the dashboard and consider how the presentation methods used have impacted conclusions that have been made.</p>

	<ul style="list-style-type: none"> <li>• Theory for Exam component</li> </ul>	<p>Spring Term 2b – this half term will be dedicated to the theory aspect of the Digital Information Technology BTEC course.</p> <p>Pupils will be expected to learn and explore different theory topics that will be later tested through a series of questions related to scenarios. These tests are set and marked externally by Pearson.</p>
<p>Summer</p>	<p>Component 3: Effective Digital Working Practices</p> <ul style="list-style-type: none"> <li>• Impact of Modern Technologies</li> <li>• Modern Technologies</li> <li>• Threats to Data</li> <li>• Prevention and Management of Threats</li> <li>• Policy &amp; Responsible Use</li> <li>• Legal and Ethical Issues</li> </ul> <p>Component 3: Effective Digital Working Practices</p> <ul style="list-style-type: none"> <li>• Exam Revision</li> </ul>	<p>Within the final term of Year 11, pupils will continue to build theory knowledge in anticipation of the externally marked theory examination.</p> <p>Summer Term 3a will be dedicated to learning more aspects of theory and during Term 3b, pupils will be given the opportunity to revise and revisit all aspects of theory through memory retrieval exercises and for revision purposes.</p> <p>Pupils will be invited to attend after school revision sessions ahead of the theory exam, as well as have the opportunity to attend planned revision sessions throughout school holidays.</p>