

# YEAR 13 CURRICULUM INFORMATION – BTEC ICT

	Spring 1	Spring 2
What will students be learning?	<b>Unit 1: Information Technology systems</b> Students will be revising the following topics taught: - Topic A - Digital devices in IT systems Topic B – Transmitting Data Topic C – Operating Online Topic D - Protecting Data and Information Topic E – Impact of IT Systems Topic F – Legal Issues	<b>Unit 6: Website Development</b> Learners investigate website development principles. They will design and develop a website using scripting languages and learn about the following: - <ul style="list-style-type: none"> <li>• Learning Aim A: Understand the principles of website development.</li> <li>• Learning Aim B: Design a website to meet client requirements.</li> <li>• Learning Aim C: Develop a website to meet client requirements.</li> </ul>
How will students be assessed?	Students will be assessed on each main topic in the specification with a written test based on exam style questions. Students will sit their official BTEC examination for Unit 1 in January. Unit 6 - Students will be assessed on each learning aim as part of 2 separate coursework assignments.	
Literacy – What keywords will be taught?	<ul style="list-style-type: none"> <li>• Peripheral devices</li> <li>• Virtual Private Network (VPN)</li> <li>• Bandwidth</li> </ul>	<ul style="list-style-type: none"> <li>• Encryption</li> <li>• Validation</li> <li>• Verification</li> <li>• Transactional data</li> <li>• Targeted marketing</li> </ul>
What employability skills are being developed?	<ul style="list-style-type: none"> <li>• Client Requirements</li> <li>• Target Audience</li> <li>• HTML</li> <li>• CCS (Cascading Style Sheets)</li> <li>• Templates</li> </ul>	
Wider Curriculum Links?	<ul style="list-style-type: none"> <li>• Tables</li> <li>• Forms</li> <li>• Rollover buttons</li> <li>• Optimisation</li> <li>• File types</li> </ul>	
What useful websites are there for this topic?	A revision website students have log in details for with revision material. <a href="#">Information Technology Systems - KnowItAllNinja</a>	Adobe Photoshop Photo-editing tutorials <a href="#">Photoshop CC tutorials</a> Adobe Dreamweaver Website tutorials. <a href="#">Dreamweaver tutorials</a>
What wider reading could be done for this topic?	Course information can be found on this website <a href="#">BTEC Nationals   Information Technology (2016)   Pearson qualifications</a>	
What else can students be doing independently to develop their understanding of this topic?	Students could prepare revision cards/notes on each topic area. Students to complete practice exam questions using the past papers and mark schemes available. Students can look at tutorials on using Adobe Photoshop for image editing. <a href="#">Photoshop CC tutorials (adobe.com)</a> Students can look at tutorials on using Adobe Dreamweaver for web development. <a href="#">Dreamweaver tutorials (adobe.com)</a>	