BTEC Level 3 National Diploma in Information Technology
Year 13 curriculum map

Year 13	T1	T2	T3	T4	T5	T6
Content / Topic for Term	Unit 1 - Information technology systems		Unit 5 - Data modelling			
Key Knowledge for acquisition, recall and application in assessment or exam	A Digital devices in IT systems B Transmitting data C Operating online	D Protecting data and information E Impact of IT systems F Issues	B Design a data model to meet client requirements	C Develop a data model to meet client requirements		
Key skills to apply in assessment or exam	AO1/2 Demonstrate and apply knowledge and understanding of information technology terms, standards, concepts and processes AO3 Select and use information technologies and procedures to explore likely outcomes and find solutions to problems in context AO4 Analyse and evaluate information, technologies and procedures in order to recommend and justify solutions to IT problems AO5 Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems		Learners will provide evidence of designing and developing a data model for a specified scenario that meets client requirements. Learners will draw on and show synthesis of knowledge across the learning aims to evaluate how the decisions and processes applied	Learners must produce detailed designs for a data model, which will include a range of alternative solutions. Learners will evaluate the alternatives and their impact and consequences, selecting, and justifying the selection of the alternative(s) that produce the best		

		throughout the design, development and testing stages, impact on the effectiveness of the final solution.	decision or compromise. Learners will develop their final design using a range of appropriate, advanced spreadsheet features and functions.		
Title of Knowledge Organiser	**Information Technology Systems**	N/A	N/A		