



## BTEC L2 DiT Yr 2 - Curriculum Planning Sequence

Subject	Year	Term	Big Ideas	Topics	Subject Learning Checklist
BTEC Digital IT L2 Year 2	Year 11	Term 1 - 35hrs	Component 3 LA.C The wider implications of digital systems	C1 Responsible use	Shared data (location-based data, transactional data, cookies, data exchange between services)
					Environmental
				C2 Legal and Ethical	Importance of providing equal access to services and information
					Net neutrality and how it impacts on organisations
					The purpose and use of acceptable use policies
					Blurring of social and business boundaries
			Component 3 LA.D Planning and communication in digital systems	D Planning and communication in digital systems	Data protection principles
					Data and the use of the internet
				Dealing with intellectual property	
				The criminal use of computer systems	
				Understand how organisations use different forms of notation to explain systems, data and information	
				Be able to interpret information presented using different forms of notation in a range of contexts.	
		Term 2 - 30hrs	Comp2 LA.A: Investigate the role and impact of using data on individuals and organisations	A1 Characteristics of data and information (page 33)	Characteristics of data
				Characteristics of information	
				A2 Representing information	Text, Numbers, Tables, Graphs/Charts & Infographics
				Validation Methods	
				A3 Ensuring data is suitable for processing	Verification Methods
				Data Collection Methods	
				A4 Data Collection (Page 34)	Data Collection Features
			Big Data		
			A5 Quality of information and its impact on decision making	Quality of information factors (accuracy, source, volume)	
			A6 Sectors that use data modelling	Types of sectors	
			Data modelling in decision making		
			A7 Threats to individuals	Threats to individuals	
Term 3 - 12hrs	Revision	Comp2 LA.A B: Create a dashboard using data manipulation tools	B1 Data Processing Methods	Data manipulation methods - Importing files	
				Data manipulation methods - Simple formula	
				Data manipulation methods - Decision making functions	
				Data manipulation methods - Lookup Functions	
				Data manipulation methods - string operations	
				Data manipulation methods - Count functions	
				Data manipulation methods - Logical Operations	
				Data manipulation methods - Sorting	
				Data manipulation methods - Outlining and Filtering, Text to columns	
				Other Processing Methods - Absolute and Relative Referencing	
				Other Processing Methods - Macros	
				Other Processing Methods - Data Validation	
Other Processing Methods - Multiple & linked worksheets					
Other Processing Methods - Comments, Views, Conditional Formatting					
Comp2 LA.C: Draw conclusions and review data presentation	C1: Drawing conclusions based on the data	Show Data Summaries from the data set			
		Appropriate presentation methods			
	C2: How presentation affects understanding	use appropriate presentation features			
		Drawing conclusions			
		Make recommendations			
		Information being misinterpreted			
Information being biased					
C2: How presentation affects understanding	Inaccurate conclusions being made				
	Needs based revision				