



Curriculum Map: Year 10 BTEC Digital Information Technology

Topic	Key Knowledge <i>What will all students KNOW by the end of the topic?</i>	Key Skills <i>What key skills will be learnt/developed by the end of the topic? What will all students be able to DO by the end of the topic?</i>	Assessment Opportunities <i>What are the key pieces of assessment? How will students be assessed?</i>
Component 1: Exploring User Interface Design Principles and Project Planning Techniques	A1 User Interfaces A2 Audience needs A3 design principles A4 Designing an efficient user interface B1 Project planning techniques B2 Creating a project proposal and plan B3 Creating an initial design B4 Developing a user interface C1 Review	Interpret needs of an audience Design techniques for UI Planning techniques for UI Know how to create a UI Know how to review a UI	
Component 1: Exploring User Interface Design Principles and Project Planning Techniques	Dog recue, Electrical Store, Garden Centre, Gym, Local Cinema, Pet store, School, Supermarket, Take away, Travel Agent	Students will be able to understand the structure of the NEA for Component 1 and be able to confidently answer the questions. They will also understand how the NEA will be assessed as the practice exercises are designed to provide this opportunity.	Each Practice NEA will be assessed according to the Component 1 Mark Scheme in preparation for the assessment in January.
Component 1 & Component 2: Collecting, Presenting and Interpreting Data	Students will be awarded grade and mark for C1 NEA A1 Characteristics of data and information A2 Representing information A3 Ensuring data is suitable for processing A4 Data collection A5 Quality of information A6 Sectors that use data modelling	Students will be able to analyse data sets, explain how data is presented, differentiate between raw and refined data, be able to explain the issues around the quality of information, be aware of threats to us as individuals	Formal Assessment of Component 1 NEA

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	A7 Threats to individuals		
Component 2: Collecting, Presenting and Interpreting Data	B1 Data processing methods B2 Producing a dashboard C1 Drawing conclusions based on findings in the data C2 How presentation affects understanding	Students will be able to operate a spreadsheet to create a dashboard to help analyse data sets. This dashboard will help inform conclusions that students will draw and thus helping them understand how presentation of data affects understanding	
Component 2: Collecting, Presenting and Interpreting Data	Hairdressers, Restaurant, School, Snowboard, Taxi	Students will be able to understand the structure of the NEA for Component 2 and be able to confidently answer the questions. They will also understand how the NEA will be assessed as the practice exercises are designed to provide this opportunity.	Formal Assessment of Component 2 NEA
Component 3: Effective Digital Working Practices	A1 Modern technologies Communication technologies Features and uses of cloud storage Features and uses of cloud computing How the selection of platforms and services impacts on the use of cloud technologies How cloud and 'traditional' systems are used together Implications for organisations when choosing cloud technologies		Formal Assessment of Component 2 NEA Resit opportunity for Components 1 and 2