Rivers Academy Age Related Expectations - (BTEC IT)

	Year 10	Year 11	Year 12	Year 13
Knowledge and understanding	Students will be able to understand interface design but has been made for individuals and organizations. they will be able to use project planning techniques to plan design and develop a user interface and be able to review the interface using a success criteria. Students will be able to know and describe different types of user interface and its range of uses and types.	Students will understand how data is collected by organisations and its impact on individuals. They will be able to apply spreadsheet software to represent data and show it in a more meaningful context so that decisions can be made. Use varying data processing methods using spreadsheet software	Students will learn about database software in terms of creation , organization , Data processing using queries and the creation of summary reports which will help in the analysis of information and aid decision making. Students will learn about Digital devices the functions and use as well as peripheral devices and media , Computer Software in an IT system , Emerging technologies and choosing effective systems within a business context	Students will understand how data is collected by organisations and its impact on individuals. They will be able to apply spreadsheet software to represent data and show it in a more meaningful context so that decisions can be made. Use varying data processing methods using spreadsheet software
Application	Students will be able to create a user interface using appropriate software , taking into account performance , Ease of, user requirements, accessibility , and the limitations of storage space. they will be able to apply their knowledge in terms of the needs of the audience including varying accessibility needs such as visual, hearing, speech, motor, cognitive.	Students use and apply spreadsheet software including a wide variety of functions and formally, presenting information graphically, using analytical tools such as what if scenarios, and a wide variety of charts and graphs within a dashboard of information whereby decisions can then be made.	Students will be able to create databases based on a set scenario which need to be effective in terms of the minimalization of data storage and effective in terms of being able to be interrogated using queries and should be able to generate effective reports to summarize data effectively Students should be able to describe effectively technical information regarding ICT systems including connectivity networks and issues relating the transmission of data as well as hardware and software options and best practice in a business	Students use and apply spreadsheet software including a wide variety of functions and f ormally, presenting information graphically, using analytical tools such as what if scenarios, and a wide variety of charts and graphs within a dashboard of information whereby decisions can then be made.

Rivers Academy Age Related Expectations - (BTEC IT)

			context.	
Analysis and evaluation	Students will be able to analyze and evaluate their user interface in terms of meeting the requirements and needs of the client within the vocational scenario given.	Students will be able to analyze and evaluate their spreadsheet which is based on a locational scenario. They look at the exactiveness of their data collection processing and dashboard of information in terms of presenting a large amount of data in a more meaningful context.	Students will be able to analyze and evaluate the effectiveness of their databases in terms of storage in terms of structure and in terms of the effectiveness of the ability to interrogate and search for information within the database using queries and the ability to generate effective reports that will support decision-making.	Students will be able to analyze and evaluate their spreadsheet which is based on a locational scenario. They look at the exactiveness of their data collection processing and dashboard of information in terms of presenting a large amount of data in a more meaningful context.