Curriculum Plan 2023-24   BTEC Computing Y10

HALF TERM	TOPIC	INTENT	IMPLEMENTATION	IMPACT
Autumn 1 The Big Picture: **Exploration**	**COMPONENT 1** **A Exploring User Interface Design Principles**	Students will • understand interface design for individuals and organisations • be able to use project planning techniques to plan, design and develop a user interface • be able to review a user interface Students will • understand the use of different types of user interface and how they vary across different uses, devices and purposes.	Worksheets and books PowerPoint Presentations Computers Laptops/chrome books All computing resources	Students able to complete component 1 and component 2 coursework assignments Students will be ready to answer exam questions in component 3 End of topic tests on this topic can now be completed BBC Bitesize, along with revision slides and quizzes.
Autumn 2	**COMPONENT 1** **B Project Planning Techniques**	Creating a project proposal and plan • Students will understand project planning techniques used to develop a project proposal and project plan for the development of a	Worksheets and books PowerPoint Presentations Computers Laptops/chrome books All computing resources	Students able to complete component 1 and component 2 coursework assignments Students will be ready to answer exam questions in component 3

| | | user interface for a given brief. | | End of topic tests on this topic can now be completed

BBC Bitesize, along with revision slides and quizzes. |
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| Spring 1 | **COMPONENT 1**

C Be able to review a user interface | Students will understand how to review the success of the user interface and the use of their chosen project planning techniques. Strengths and weaknesses of the user interface, to include: how well the user requirements have been met suitability for purpose and audience ease of use accessibility features how effectively the design principles have been met. | Worksheets and books PowerPoint Presentations Computers Laptops/chrome books All computing resources | Students able to complete component 1 and component 2 coursework assignments Students will be ready to answer exam questions in component 3 End of topic tests on this topic can now be completed

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| Spring 2

The Big Picture: | **COMPONENT 2 Collecting, Presenting and Interpreting Data**

A Understand how data is collected and used by organisations and its impact on individuals | Students will understand
- the different types of data collection methods,
- the strengths and weaknesses of each,
- how data collection features affect its reliability and how the collection of data could be improved | Worksheets and books PowerPoint Presentations Computers Laptops/chrome books All computing resources | Students able to complete component 1 and component 2 coursework assignments Students will be ready to answer exam questions in component 3 End of topic tests on this topic can now be completed

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Summer 1

The Big Picture | **COMPONENT 2 B: Be able to create a dashboard using data manipulation tools** | Data processing methods Students will understand how data can be imported from an external source. They will then explore how to accurately apply data processing methods to aid decision making. | Worksheets and books
PowerPoint Presentations
Computers
Laptops/chrome books
All computing resources
EXCEL SPREADSHEETS | Students able to complete component 1 and component 2 coursework assignments Students will be ready to answer exam questions in component 3 End of topic tests on this topic can now be completed

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| Summer B

The Big Picture | **COMPONENT 2 C To Be able to draw conclusions and review data presentation method** | Drawing conclusions based on findings in the data
Learners will use a dataset and dashboard to present findings and draw conclusions based on their findings. | Worksheets and books
PowerPoint Presentations
Computers
Laptops/chrome books
All computing resources | Students able to complete component 1 and component 2 coursework assignments Students will be ready to answer exam questions in component 3 End of topic tests on this topic can now be completed |

				BBC Bitesize, along with revision slides and quizzes.