

DIGITAL INFORMATION TECHNOLOGY – Y10 - CURRICULUM OUTLINE

Term	Topic/Unit of work	Knowledge	Skills	Assessment
Y10 Summer 2 + Autumn Term 1	Exploring User Interface Design Principles and Project Planning Techniques	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	Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation Develop user interface design and implementation skills so that it can meet the client needs.	Past exam questions on the PLC Practice coursework scenario 1-1
Y10 Autumn Term 2	Exploring User Interface Design Principles and Project Planning Techniques	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	Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation Develop project management skills to allow the effective management to a given client brief. Develop user interface design and implementation skills so that it can meet the client needs.	Past exam questions on the modern technology and the impact of modern technology. Practice coursework scenario 1-2

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Spring Term 1	Effective Digital Working Practices	Demonstrate knowledge of facts, terms, processes and issues in relation to digital information technology	Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation	Past exam questions on the PLC, planning tools, data, information & data collection.
	Exploring User Interface Design Principles and Project Planning Techniques	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	Develop user interface design and implementation skills so that it can meet the client needs.	Practice coursework scenario 1-3
Spring Term 2	Exploring User Interface Design Principles and Project Planning Techniques	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	Develop project management skills to allow the effective management to a given client brief. Develop user interface design and implementation skills so that it can meet the client needs	Live coursework
Summer Term 1	Effective Digital Working Practices	Demonstrate knowledge of facts, terms, processes and issues in relation to digital information technology	Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation	Past exam questions on the data, information, data collection, data storage, big data, threats to data,
	Collecting, presenting and interpreting data	Understand how data is collected and used by organisations and its impact on individuals Be able to create a dashboard using data manipulation tools	Develop spreadsheet skills so that data can be securely imported, manipulated and stored.	Practice coursework scenario 2-1

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		<p>Be able to draw conclusions and review data presentations</p> <p>Spreadsheet functions, absolute and relative cell referencing, linking worksheets, macros, presenting data & security measures</p>		
<p>Summer Term 2</p>	<p>Effective Digital Working Practices</p> <p>Collecting, presenting and interpreting data</p>	<p>Review: knowledge of facts, terms, processes and issues in relation to digital information technology</p> <p>Understand how data is collected and used by organisations and its impact on individuals</p> <p>Be able to create a dashboard using data manipulation tools</p> <p>Be able to draw conclusions and review data presentations</p> <p>Spreadsheet functions, absolute and relative cell referencing, linking worksheets, macros, presenting data & security measures</p>	<p>Answer exam questions on the knowledge gained</p> <p>Apply knowledge gained to a practical situation</p> <p>Develop spreadsheet skills so that data can be securely imported, manipulated and stored.</p>	<p>End of year 10 test</p> <p>Practice coursework scenario 2-1</p>