

DIGITAL INFORMATION TECHNOLOGY – Y11 - CURRICULUM OUTLINE

Term	Topic/Unit of work	Knowledge	Skills	Assessment
Autumn Term 1	Collecting, presenting and interpreting data	<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>	Develop spreadsheet skills so that data can be securely imported, manipulated and stored.	<p>Practice coursework scenario 2-2</p> <p>Live coursework - Start</p>
Autumn Term 2	<p>Collecting, presenting and interpreting data</p> <p>Effective Digital working practices</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>Prevention and management of threats to data – user access restrictions, data level protection, finding weaknesses and improving system security</p> <p>Policy – responsibilities, security parameters, disaster recovery policy, actions to take after an attack</p>	<p>Develop spreadsheet skills so that data can be securely imported, manipulated and stored.</p> <p>Answer exam questions on the knowledge gained</p> <p>Apply knowledge gained to a practical situation</p>	<p>Live coursework - Complete</p> <p>Past exam questions on the modern technology and the impact of modern technology.</p> <p>Mock exam</p>

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		<p>Responsible use – shared data, environmental</p> <p>Legal and ethical – equal access to services and information, net neutrality, acceptable use policies, the blurring of social and business boundaries, data protection principles, data and the use of the internet, Intellectual property, The criminal use of computer systems</p> <p>Forms of notation – different forms, Be able to interpret information presented using different forms of notation in a range of contexts, Be able to present knowledge and understanding using different forms of notations</p>		
Spring Term 1	<p>Effective Digital Working Practices</p> <p>Exploring User Interface Design Principles and Project Planning Techniques</p>	<p>Review of effective digital working practices content</p> <p>Review of exploring user interface design principles and project planning techniques.</p>	<p>Answer exam questions on the knowledge gained</p> <p>Apply knowledge gained to a practical situation</p> <p>Develop project management skills to allow the effective management to a given client brief.</p> <p>Develop user interface design and implementation skills so that it can meet the client needs</p>	<p>External exam</p> <p>Practice coursework scenario 1-3</p> <p>Retake opportunity - Live coursework - Start</p>

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<p>Spring Term 2</p>	<p>Exploring User Interface Design Principles and Project Planning Techniques</p>	<p>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</p> <p>Understand how data is collected and used by organisations and its impact on individuals Be able to create a dashboard using data manipulation tools Be able to draw conclusions and review data presentations Spreadsheet functions, absolute and relative cell referencing, linking worksheets, macros, presenting data & security measures</p>	<p>Develop project management skills to allow the effective management to a given client brief.</p> <p>Develop user interface design and implementation skills so that it can meet the client needs</p> <p>Develop spreadsheet skills so that data can be securely imported, manipulated and stored.</p>	<p>Retake opportunity - Live coursework - Complete</p> <p>Retake opportunity - Live coursework - Start</p>
<p>Summer Term 1</p>	<p>Collecting, presenting and interpreting data</p>	<p>Understand how data is collected and used by organisations and its impact on individuals Be able to create a dashboard using data manipulation tools 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>Develop spreadsheet skills so that data can be securely imported, manipulated and stored.</p>	<p>Retake opportunity - live coursework - Complete</p>

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	Effective Digital Working Practices	Review of effective digital working practices content	Answer exam questions on the knowledge gained Apply knowledge gained to a practical situation	Retake opportunity - External exam
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