

# KS4 Digital IT Curriculum Map



Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Component 1: Exploring User Interface Design Principles and Project Planning Techniques</b> <b>Learning outcome A</b>	<b>Component 1 Exploring User Interface Design Principles and Project Planning Techniques</b> <b>Learning outcome B and Learning outcome C</b>	<b>Component 1: Exploring User Interface Design Principles and Project Planning Techniques</b>	<b>Component 2: Collecting, Presenting and Interpreting data</b> <b>Learning outcome A and learning outcome B</b>	<b>Component 2: Collecting, Presenting and Interpreting data</b> <b>Learning outcome C</b>	<b>Component 2: Collecting, Presenting and Interpreting data</b>
<b>Year 10</b>	<p>"Understand interface design for individuals and organisations"</p> <p>A1 User interfaces A2 Audience needs A3 Design principles A4 Designing an efficient user interface</p>	<p>"Be able to use project planning techniques to plan, design and develop a user interface"</p> <p>B1 Project planning techniques B2 Creating a project proposal and plan B3 Creating an initial design B4 Developing a user interface</p> <p>Learning outcome C: Be able to review a user interface</p>	Assessment	<p>"Understand how data is collected by organisations and its impact on individuals"</p> <p>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</p>	<p>"Be able to draw conclusions and review data presentation methods"</p> <p>C1 Drawing conclusions based on findings in the data C2 How presentation affects understanding</p>	Mock assessment

		Mock assessment		A7 Threats to individuals  "Learning outcome B: Be able to create a dashboard using data manipulation tools"  B1 Data processing methods B2 Producing a dashboard		
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	<b>Component 2:</b> Collecting, Presenting and Interpreting data <b>Learning outcome A and learning outcome B</b>	<b>Component 3:</b> <b>Effective Digital Working Practices</b> <b>Learning outcome A</b>	<b>Component 3:</b> <b>Effective Digital Working Practices</b> <b>Learning outcome B</b>	<b>Component 3:</b> <b>Effective Digital Working Practices</b> <b>Learning outcome C</b>	<b>Component 3:</b> <b>Effective Digital Working Practices</b>	
<b>Year 11</b>	Assessment	“Modern technologies” A1 Modern technologies A2 Impact of modern technologies	“Cyber security” B1 Threats to data B2 Prevention and management of threats to data B3 Policy	“The wider implications of digital systems” C1 Responsible use C2 Legal and ethical  “Planning and communication in digital systems” D1 Forms of notation	Revision and Exam	