



# KS4 ASSESSMENT

DIGITAL INFORMATION TECHNOLOGY  
BRAMHALL HIGH SCHOOL

**Component 1:**

***Exploring User Interface Design Principles and Project Planning Techniques:  
Internal Assessment***

***Learning outcomes***

A Understand interface design for individuals and organisations

B Be able to use project planning techniques to plan, design and develop a user interface

C Be able to review a user interface.

**Component 2:**

***Collecting, Presenting and Interpreting Data  
Internal Assessment***

***Learning outcomes***

A Understand how data is collected and used by organisations and its impact on individuals

B Be able to create a dashboard using data manipulation tools

C Be able draw conclusions and review data presentation methods

**Component 3:**

***Effective Digital Working Practices  
External Exam***

***Assessment objectives***

AO1 Demonstrate knowledge of facts, terms, processes and issues in relation to digital information technology

AO2 Demonstrate an understanding of facts, terms, processes and issues in relation to digital information technology

AO3 Apply an understanding of facts, terms, processes and issues in relation to digital information technology

AO4 Make connections with the concepts, issues, terms and processes in digital information technology

Score		Knowledge and Understanding
<p style="text-align: center;"><b>L2</b></p> <p style="text-align: center;"><b>Distinction</b></p> <p style="text-align: center;">well above expected level for a Year 10 student</p> <p style="text-align: center;">(8 and 9 will only be awarded for exceptional performance)</p>	<p><b>GCSE Level 8/9</b></p>	<p><b>LOA and LOB: Component 1</b></p> <p><i>Comprehensive application</i> of relevant project proposal methods.</p> <p><i>Comprehensive application</i> of project planning tools to plan the timeline of the project.</p> <p><i>Comprehensive evidence</i> of application of relevant user interface design methods and design principles.</p> <p><i>Comprehensive evidence</i> of application of user interface development methods.</p> <p><i>Comprehensive justification</i> when reviewing a user interface.</p> <p><b>LOA: Component 2</b></p> <p><i>Comprehensive application</i> of knowledge and understanding of how data is collected and used by organisations and its impact on individuals</p> <p><b>LOA and LOB: Component 2</b></p> <p><i>Comprehensive application</i> of relevant data manipulation and processing methods.</p> <p><i>Comprehensive application</i> of relevant presentation methods and features</p> <p><i>Comprehensive application</i> of knowledge and understanding to find trends, patterns and errors</p> <p><i>Comprehensive justification</i> of the presentation features used to display the summaries and information.</p> <p><b>Component 3</b></p> <p><b>AO1</b> <i>Demonstrate comprehensive knowledge</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO2</b> <i>Demonstrate comprehensive understanding</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO3</b> <i>Apply comprehensive understanding</i> of facts, terms, processes and issues in relation to digital information technology</p>

		<p><b>AO4</b> Make some connections with the concepts, issues, terms and processes in digital information technology</p>
<p style="text-align: center;"><b>L2</b></p> <p style="text-align: center;"><b>Merit</b></p> <p style="text-align: center;">above expected level for a Year 10 student</p>	<p><b>GCSE Level 6/7</b></p>	<p><b>LOA and LOB: Component 1</b>  <i>Detailed application</i> of relevant project proposal methods.  <i>Detailed application</i> of project planning tools to plan the timeline of the project.  <i>Detailed evidence</i> of application of relevant user interface design methods and design principles.  <i>Detailed evidence</i> of application of user interface development methods.  <i>Detailed justification</i> when reviewing a user interface.</p> <p><b>LOA: Component 2</b></p> <p><i>Detailed application</i> of knowledge and understanding of how data is collected and used by organisations and its impact on individuals</p> <p><b>LOA and LOB: Component 2</b></p> <p><i>Detailed application</i> of relevant data manipulation and processing methods.  <i>Detailed application</i> of relevant presentation methods and features  <i>Detailed application</i> of knowledge and understanding to find trends, patterns and errors  <i>Detailed justification</i> of the presentation features used to display the summaries and information.</p> <p><b>Component 3</b></p> <p><b>AO1</b> Demonstrate detailed knowledge of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO2</b> Demonstrate detailed understanding of facts, terms, processes and issues in relation to digital information technology</p>

		<p><b>AO3</b> Apply detailed understanding of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO4</b> Make detailed connections with the concepts, issues, terms and processes in digital information technology</p>
<p style="text-align: center;"><b>L2</b></p> <p style="text-align: center;"><b>Pass</b></p> <p style="text-align: center;">expected level for a Year 10 student</p>	<p><b>GCSE</b> <b>Level 4/5</b></p>	<p><b>LOA and LOB: Component 1</b>  <i>Good application</i> of relevant project proposal methods.  <i>Good application</i> of project planning tools to plan the timeline of the project.  <i>Good evidence</i> of application of relevant user interface design methods and design principles.  <i>Good evidence</i> of application of user interface development methods.  <i>Good justification</i> when reviewing a user interface.</p> <p><b>LOA: Component 2</b></p> <p><i>Good application</i> of knowledge and understanding of how data is collected and used by organisations and its impact on individuals</p> <p><b>LOA and LOB: Component 2</b></p> <p><i>Good application</i> of relevant data manipulation and processing methods.  <i>Good application</i> of relevant presentation methods and features  <i>Good application</i> of knowledge and understanding to find trends, patterns and errors  <i>Good justification</i> of the presentation features used to display the summaries and information.</p> <p><b>Component 3</b></p> <p><b>AO1</b> Demonstrate good knowledge of facts, terms, processes and issues in relation to digital information technology</p>

		<p><b>AO2</b> <i>Demonstrate good understanding of facts, terms, processes and issues in relation to digital information technology</i></p> <p><b>AO3</b> <i>Apply good understanding of facts, terms, processes and issues in relation to digital information technology</i></p> <p><b>AO4</b> <i>Make good connections with the concepts, issues, terms and processes in digital information technology</i></p>
<p><b>L1</b></p> <p><b>Distinction</b></p> <p>Below expected level for a Year 10 student</p>	<p><b>GCSE Level 3</b></p>	<p><b>LOA and LOB: Component 1</b></p> <p><i>Adequate application of relevant project proposal methods.</i></p> <p><i>Adequate application of project planning tools to plan the timeline of the project.</i></p> <p><i>Adequate evidence of application of relevant user interface design methods and design principles.</i></p> <p><i>Adequate evidence of application of user interface development methods.</i></p> <p><i>Adequate justification when reviewing a user interface.</i></p> <p><b>LOA: Component 2</b></p> <p><i>Adequate application of knowledge and understanding of how data is collected and used by organisations and its impact on individuals</i></p> <p><b>LOA and LOB: Component 2</b></p> <p><i>Adequate application of relevant data manipulation and processing methods.</i></p> <p><i>Adequate application of relevant presentation methods and features</i></p> <p><i>Adequate application of knowledge and understanding to find trends, patterns and errors</i></p> <p><i>Adequate justification of the presentation features used to display the summaries and information.</i></p> <p><b>Component 3</b></p>

		<p><b>AO1</b> <i>Demonstrate adequate knowledge of facts, terms, processes and issues in relation to digital information technology</i></p> <p><b>AO2</b> <i>Demonstrate an adequate understanding of facts, terms, processes and issues in relation to digital information technology</i></p> <p><b>AO3</b> <i>Apply an adequate understanding of facts, terms, processes and issues in relation to digital information technology</i></p> <p><b>AO4</b> <i>Make adequate connections with the concepts, issues, terms and processes in digital information technology</i></p>
<p style="text-align: center;"><b>L1</b></p> <p style="text-align: center;"><b>Merit</b></p> <p style="text-align: center;">Below expected level for a Year 10 student</p>	<p><b>GCSE Level 2</b></p>	<p><b>LOA and LOB: Component 1</b>  <i>Some application of relevant project proposal methods.</i>  <i>Some application of project planning tools to plan the timeline of the project.</i>  <i>Some evidence of application of relevant user interface design methods and design principles.</i>  <i>Some evidence of application of user interface development methods.</i>  <i>Some justification when reviewing a user interface.</i></p> <p><b>LOA: Component 2</b>  <i>Some application of knowledge and understanding of how data is collected and used by organisations and its impact on individuals</i></p> <p><b>LOA and LOB: Component 2</b>  <i>Some application of relevant data manipulation and processing methods.</i>  <i>Some application of relevant presentation methods and features</i>  <i>Some application of knowledge and understanding to find trends, patterns and errors</i></p>

		<p><i>Some justification</i> of the presentation features used to display the summaries and information.</p> <p><b>Component 3</b></p> <p><b>AO1</b> <i>Demonstrate some knowledge</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO2</b> <i>Demonstrate some understanding</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO3</b> <i>Apply some understanding</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO4</b> <i>Make some connections</i> with the concepts, issues, terms and processes in digital information technology</p>
<p style="text-align: center;"><b>L1</b></p> <p style="text-align: center;"><b>Pass</b></p> <p style="text-align: center;">Below expected level for a Year 10 student</p>	<p><b>GCSE Level 1</b></p>	<p><b>LOA and LOB: Component 1</b></p> <p><i>Limited application</i> of relevant project proposal methods.</p> <p><i>Limited application</i> of project planning tools to plan the timeline of the project.</p> <p><i>Limited evidence</i> of application of relevant user interface design methods and design principles.</p> <p><i>Limited evidence</i> of application of user interface development methods.</p> <p><i>Limited justification</i> when reviewing a user interface.</p> <p><b>LOA: Component 2</b></p> <p><i>Limited application</i> of knowledge and understanding of how data is collected and used by organisations and its impact on individuals</p> <p><b>LOA and LOB: Component 2</b></p> <p><i>Limited application</i> of relevant data manipulation and processing methods.</p> <p><i>Limited application</i> of relevant presentation methods and features</p>



		<p><i>Limited application</i> of knowledge and understanding to find trends, patterns and errors  <i>Limited justification</i> of the presentation features used to display the summaries and information.</p> <p><b>Component 3</b></p> <p><b>AO1</b> <i>Demonstrate limited knowledge</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO2</b> <i>Demonstrate a limited understanding</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO3</b> <i>Apply a limited understanding</i> of facts, terms, processes and issues in relation to digital information technology</p> <p><b>AO4</b> <i>Make limited connections</i> with the concepts, issues, terms and processes in digital information technology</p>
<p><b>Unclassified</b></p>	<p><b>U</b></p>	<p><b>My work is incomplete</b></p>