

Curriculum Map: Year 10 Digital Information Technology

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Topic	Component 1	Component 1	Component 2	Component 2	Component 2	Project to bridge Y10 and Y11 do be decided
Intent	<p>Types of user interface and how they can be used in society.</p> <p>Needs of different user interface users.</p> <p>Planning an interface. Using mind maps and mood boards</p> <p>Effective storyboards</p> <p>Identifying user and audience needs and requirements.</p> <p>Creating a user interface</p> <p>Design techniques</p>	<p>Assessment</p> <p>Students will be assessed for component 1.</p> <p>There work will be sent to the exam board and the grade will contribute 30% of their final grade.</p> <p>Skills learnt in HT 1-3 will be assessed.</p>	<p>Learn about the Characteristics of different forms of data, methods of analysing data and how to present data effectively. Use data in a dashboard to analyse and to make recommendations based on the data.</p>	<p>Assessment</p> <p>Students will be assessed for component 1.</p> <p>There work will be sent to the exam board and the grade will contribute 30% of their final grade.</p> <p>Skills learnt in HT 5-6 (Y10) and 1 will be assessed.</p>	<p>Assessment</p> <p>Students will be assessed for component 1.</p> <p>There work will be sent to the exam board and the grade will contribute 30% of their final grade.</p> <p>Skills learnt in HT 5-6 (Y10) and 1 will be assessed.</p>	
Key Knowledge	<p>Different types of user interface, voice, traditional, touch, menu etc</p> <p>Considerations when planning a project</p> <p>Identifying audience and client requirements.</p> <p>Identify different project methodologies.</p> <p>Storyboarding ideas</p> <p>Collecting resources.</p> <p>Creating an interface.</p>	<p>Requirements set out by the board for the set assignment.</p>	<p>Different types of data</p> <p>Different methods of analysing data</p> <p>Formulas such as IF, SUM, Max, MIN, VLOOKUP</p> <p>Creating tables from data</p> <p>Conditional formatting</p> <p>Use of pivot chards</p> <p>How data is collected.</p> <p>Charts such as Pie and Bar</p> <p>Pivot charts</p>	<p>Requirements set out by the board for the set assignment.</p>	<p>Requirements set out by the board for the set assignment.</p>	

	Skills to make and interface. Design skills		Analysing data for a purpose Make recommendations based on the data..			
Key Skills	Know different types of interface. Know how different types of interface affect how usable they are and how different audience may see and use interfaces differently. Planning a project Using excel to create plans Creating mood boards and mind maps Creating storyboards Using Power point to create an interface		Dashboard, Macro, Formula, MIN, SUM, Max, Table, Chart, Analyse, Recommendation. Conditional formatting, Sheet, Data, Primary, Secondary, Quantitative, Qualitative.	Carried over from Half Term 1-3 Understand the requirements of a board Project.	Carried over from Half Term 1-3 Understand the requirements of a board Project.	
Key Vocabulary	Voice, touch, interface, design, layout, Audience, Accessible, Menu, GUI, design, colour, hardware, software, input, output Mood board, Client, Audience, Storyboard, Feedback,	Voice, touch, interface, design, layout, Audience, Accessible, Menu, GUI, design, colour, hardware, software, input, output Mood board, Client, Audience, Storyboard, Feedback,	Min, Max, Count, Dashboard, Formula, Chart, Row, Column, Cell, Format. GDPR. Data, Bias,	Min, Max, Count, Dashboard, Formula, Chart, Row, Column, Cell, Format. GDPR. Data, Bias,	Min, Max, Count, Dashboard, Formula, Chart, Row, Column, Cell, Format. GDPR. Data, Bias,	
Key Reading	Lesson Resources	DIT Assignment Lesson Resources	Successfully completed the board set assignment.	DIT Assignment Lesson Resources	DIT Assignment Lesson Resources	
End Point	Students to understand the steps involved in a project. From concept through planning, creation and review.	Able to understand and complete a board set assignment in the required time frame.		Able to understand and complete a board set assignment in the required time frame.	Able to understand and complete a board set assignment in the required time frame.	

Form of Assessment	Coursework	Coursework	Coursework	Coursework	Coursework		
Enrichment opportunities							
Leadership opportunities	Independent project work, presentation writing and delivery to audience, debate and discussion activities, teamwork						