



BTEC Digital Information Technology (DIT) Curriculum Long Term Planning

YEAR 9 (2h p/week)		HT1	HT2	HT3	HT4	HT5	HT6
BTEC DIGITAL INFORMATION TECHNOLOGY	Big Idea(s):	00_What are user Interfaces? <i>Pupil Knowledge:</i> Into to the course, Characteristics of data and information, representing information, ensuring data is suitable for processing, Data collection	01_Can you develop a User Interface? <i>Pupil Knowledge:</i> Initial design, Design principles, Colours, Fonts, Language, Amount of information, layout, user perception, retaining user attention, intuitive design. Review; Strengths and weaknesses of the user interface, suggest improvements	02_What are project planning and how are they used? <i>Pupil Knowledge:</i> Project planning techniques, Gannt Charts, task lists, waterfall, agile, scrum, project proposals, plans, initial designs, developing user interfaces	03_What are data collection and manipulation methods? <i>Pupil Knowledge:</i> Data, structure, context, representing information, validation and Verification, Data collection, Quality of information, sectors that use data modelling, threats to individuals.	04_How you present data to manipulate it? <i>Pupil Knowledge:</i> Data processing methods, advanced manipulation techniques, producing a dashboard, data summaries, appropriate data presentation, using appropriate presentation techniques.	05_an you draw conclusions from the data? <i>Pupil Knowledge:</i> Draw conclusions such as trends, patterns, possible errors, misinterpretation, bias information and inaccurate conclusions being made.
	Application of Knowledge	SMHW – Application / retrieval practice. Assessment Cycle 1	SMHW – Application / retrieval practice. Application of knowledge – User Interface development	SMHW – Application / retrieval practice. Application of Knowledge – Gannt Chart	SMHW – Application / retrieval practice.	SMHW – Application / retrieval practice. Application of Knowledge – Weather (processing data) Assessment Cycle 2	SMHW – Application / retrieval practice. Application of knowledge - Weather (Charts & Dashboard)
	Application of Knowledge Intent	Ensure knowledge is being retrieved well. This is through low-stake means and therapies when students cannot recall. Check skills and knowledge are being applied and then improved.	Ensure knowledge is being retrieved well. This is through low-stake means and therapies when students cannot recall. Check skills and knowledge are being applied to the Gannt chart and then improved.	Ensure knowledge is being retrieved well. This is through low-stake means and therapies when students cannot recall. Check skills and knowledge are being applied to the Gannt chart and then improved.	Ensure knowledge is being retrieved well. This is through low-stake means and therapies when students cannot recall. Check skills and knowledge are being applied the weather scenario and then improved.	Ensure knowledge is being retrieved well. This is through low-stake means and therapies when students cannot recall. Check skills and knowledge are being applied the weather scenario and then improved.	Ensure knowledge is being retrieved well. This is through low-stake means and therapies when students cannot recall. Check skills and knowledge are being applied the weather scenario and then improved.
	Wider Curriculum Links	SMSC – desirable skills for employment. FBV / Protected Characteristics – Accessibility in development. Developing discussion skills with ABC Oracy. Careers – UX / UI jobs	SMSC – Software to make lives easier, desirable skills for employment – data manipulation and planning techniques. Resilience / accuracy / efficiency Developing discussion skills with ABC Oracy.	SMSC – Software to make lives easier, desirable skills for employment – data manipulation and planning techniques. Resilience / accuracy / efficiency Developing discussion skills with ABC Oracy.	SMSC – Presentation of data to make lives easier, desirable skills for employment – data presentation. Data interpretation. Resilience / accuracy Developing discussion skills with ABC Oracy.	SMSC – Presentation of data to make lives easier, desirable skills for employment – data presentation. Data interpretation. Resilience / accuracy Developing discussion skills with ABC Oracy.	SMSC – Presentation of data to make lives easier, desirable skills for employment – data presentation. Data interpretation. Resilience / accuracy Developing discussion skills with ABC Oracy.



YEAR 10 (3h p/week)		HT1	HT2	HT3	HT4	HT5	HT6
BTEC DIGITAL INFORMATION TECHNOLOGY	Big Idea(s):	06_Walking Talking Mock <i>Pupil Knowledge:</i> First look at Component 1, knowledge of what to expect.	07_Component 1 MOCK <i>Pupil Knowledge:</i> First attempt at Component 1, knowledge of what to expect.	08_Component 1 PSA (internal assessment) Exploring User Interface Design Principles and Project Planning Techniques <i>Pupil Knowledge:</i> Apply previous knowledge and apply to the vocational context of the brief.		09_What are effective working practices? How will this be assessed? <i>Pupil Knowledge:</i> Knowledge of facts, terms, processes and issues in relation to digital information technology	Preparing for Component 2
	Application of Knowledge	Walking Talking Mock Component 1 – Task 1 Walking Talking Mock Component 1 – Task 2 Walking Talking Mock Component 1 – Task 3 Walking Talking Mock Component 1 – Task 4 LOA: Understand interface design for individuals and organisations LOB: Be able to use project planning techniques to plan, design and develop a user interface C Be able to review a user interface	Mock Component 1 – Task 1 Mock Component 1 – Task 2 Mock Component 1 – Task 3 Mock Component 1 – Task 4 LOA: Understand interface design for individuals and organisations LOB: Be able to use project planning techniques to plan, design and develop a user interface C Be able to review a user interface	Component 1 – Task 1 Component 1 – Task 2 Component 1 – Task 3 Component 1 – Task 4 LOA: Understand interface design for individuals and organisations LOB: Be able to use project planning techniques to plan, design and develop a user interface C Be able to review a user interface		Practice Exam paper. Regular Homework questions on SMHW for Component 3	Application of Component 2 skills from previous year, Formulae retrieval practice., Regular Homework questions on SMHW for Component 3
	Application of Knowledge Intent	Pupils are guided through the Component 1 brief and understand how to approach this component.	Improvements identified for completion of the actual Component 1 PSA. Gap fill knowledge.	Non-exam internal assessment set by Pearson, marked by the centre and moderated by Pearson. The Pearson-set Assignment will be completed in approximately 6 hours of supervised assessment. 60 marks.		Builds on knowledge, understanding and skills acquired and developed across the qualification.	Pupils are guided through the Component 2 brief and understand how to approach this component.
	Wider Curriculum Links	SMSC – desirable skills for employment. FBV / Protected Characteristics – Accessibility in development. Developing discussion skills with ABC Oracy. Careers – UX / UI Jobs				SMSC – Efficient ways of working and modern working practices. Desirable skills for employment. Developing discussion skills with ABC Oracy. Careers – All IT Jobs	



YEAR 11 (3h p/week)		HT1	HT2	HT3	HT4	HT5	HT6
BT EC DI GI TA L IN FO R M AT IO N TE C H N OL O G	Big Idea(s):	11_Component 2 PSA (internal assessment) Collecting, Presenting and Interpreting Data <i>Pupil Knowledge: Apply previous knowledge and apply to the vocational context of the brief.</i>		12_Component 3 Preparation for the exam (Synoptic assessment) Effective Digital Working Practices <i>Pupil Knowledge: Apply previous knowledge and apply to the exam.</i>			
	Application of Knowledge	Component 2 – Task 1 Component 2 – Task 2a Component 2 – Task 2b Component 2 – Task 2c Component 2 – Task 3a Component 2 – Task 3b LOA Understand how data is collected and used by organisations and its impact on individuals LOB Be able to create a dashboard using data manipulation tools LOC Be able draw conclusions and review data presentation methods. Regular Homework questions on SMHW for Component 3		Mock External Assessment. Component 3 – Task 1 Component 3 – Task 2 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 Regular Homework questions on SMHW for Component 3			
	Application of Knowledge Intent	Non-exam internal assessment set by Pearson, marked by the centre and moderated by Pearson. The Pearson-set Assignment will be completed in approximately 6 hours of supervised assessment. 60 marks.		The assessment will be completed in 1 hour 30 minutes within the period timetabled by Pearson. 60 marks. There is one external assessment, Component 3, which provides the main synoptic assessment for the qualification. Component 3 builds directly on Components 1 and 2 and enables learning to be brought together and related to a real-life situation. Component 3: Effective Digital Working			



			Practices requires learners to apply decision-making skills and techniques in line with different organisations' use of digital systems and the wider implications associated with their use. The design of this external assessment ensures that there is sufficient stretch and challenge, enabling the assessment of knowledge and understanding at the end of the learning period. The external assessment is based on key tasks that require learners to demonstrate that they can identify and use effectively an appropriate selection of skills, techniques, concepts, theories and knowledge from across the whole qualification in an integrated way.	
	Wider Curriculum Links		SMSC – Efficient ways of working and modern working practices. Desirable skills for employment. Developing discussion skills with ABC Oracy. Careers – All IT jobs	