



Subject: Computing

Year 10 (BTEC Digital IT)		
Wk	Theme	Teaching
1	User Interfaces	Basic user interface.
2	User Interfaces	Complex user interfaces.
3	User Interfaces	Hardware and software of user interfaces.
4	User Interfaces	User skills.
5	Modern technologies	Ad hoc networks
6	User Interfaces	Design principles.
7	User Interfaces	Design principles.
8	User Interfaces	Design principles.
9	User Interfaces	Selection time.
10	Modern technologies	Cloud Computing
11	User Interfaces	Progress check.
12	Project management	Project methodologies.
13	Project management	Project planning tools.
14	Project management	Defining the project requirements.
15	Modern technologies	Modern Teams
16	Project management	Planning project timescales.
17	Creating a User Interface	Designing the visuals.
18	Creating a User Interface	Developing a functional user interface.

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19	Creating a User Interface	Navigation of User interface
20	Modern technologies	Communication with stakeholders
21	Creating a User Interface	Accessibility functions
22	Testing a User Interface	Peer testing
23	Testing a User Interface	Gaining feedback, refining the interface, documenting changes
24	Review User interface	Reviewing the user interface and what areas could be developed further. Reviewing the project planning techniques and lessons learned.
25	Modern technologies	Remote working
26	Formal Assessment of User Interface	Learning aim C: assessment practice. Component 1: Learning aim B and C: formal assessment.
27	Formal Assessment of User Interface	Component 1: Learning aim B and C: formal assessment
28	Data	Data and information: meaning, structure, context and processing. How to present information: text, numbers, tables, graphs/charts and infographics.
29	Data	Making data suitable for processing: validation: range, type, look up, presence and length checks and verification: proofreading and double entry. Collecting data: data collection
30	Cyber Security	Threats to data
31	Cyber Security	Why quality is important: source, accuracy, age, completeness, amount of detail, format/presentation and volume.
32	Cyber Security	Who uses data modelling: types of sectors and data modelling in decision making.
33	Cyber Security	Threats: privacy, fraud, targeting vulnerable groups and inaccurate data. Learning aim A: assessment practice.
34	Data Manipulation	What is a dashboard? Data manipulation methods: importing data and text to columns, formulae and decision making functions.
35	Data Manipulation	What is a dashboard? Data manipulation methods: importing data and text to columns, formulae and decision making functions.
36	Data Manipulation	Data manipulation methods: lookup functions and count functions.
37	Data Manipulation	Data manipulation methods: logical operations/sorting, using outlines and string operation functions.
38	Data Manipulation	Data manipulation methods: filtering. Other processing methods: absolute and relative cell referencing.
39	Data Manipulation	Other processing methods: macros, multiple and linking worksheets and alternative views.



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Year II (BTEC Digital IT)		
Wk	Theme	Teaching
1	Prevention/Management of data threat	Prevention/Management of data threat
2	Data handling	Other processing methods: conditional formatting.
3	Data handling	Breaking information down
4	Data handling	Presentation methods
5	Data handling	Learning aim B: assessment practice.
6	Security Policies	Security Policies
7	Data handling	Making recommendations
8	Data handling	Learning aim C: assessment.
9	Data handling	Component 2: Learning aim B and C: formal assessment
10	Mock Exam Revision	Component 3 - Modern Technologies and Cyber Security
11	Mock Exam Revision	Component 3 - Wider Implications, Planning and Communication
12	Mock Exams	Assessment and Feedback
13	Mock Exams	Assessment and Feedback
14	Actions after a attack	Actions after a attack
15	Digital systems	The wider implications of an attack
16	Legal and ethical	Laws
17	Notations	Type of notation
18	Assessment	CI Assessment

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Wk	Theme	Teaching
19	Component 3: Modern Technologies	Communication Technologies
20	Component 3: Modern Technologies	Cloud Storage
21	Component 3: Modern Technologies	Cloud Computing
22	Component 3: Modern Technologies	Selection of platforms
23	Component 3: Modern Technologies	Cloud and traditional systems
24	Component 3: Modern Technologies	Implications for organisations
25	Component 3: Modern Technologies	Changes to teams
26	Component 3: Modern Technologies	Inclusivity
27	Component 3: Modern Technologies	Positive and Negative Impacts
28	Component 3: Modern Technologies	Positive and Negative Impacts
29	Component 3: Cyber Security	Revision - Threats
30	Component 3: Cyber Security	Revision - Management of Threats
31	Component 3: Cyber Security	Revision - Policy
32	Component 3: Wider Implications	Revision - Responsible Use
33	Component 3: Wider Implications	Revision - Legal and Ethical
34	Component 3: Planning and Communication	Revision - Notation
35	End of Course	
36	End of Course	
37	End of Course	
38	End of Course	
39	End of Course	