Level 2 DIT
Component 1 – Pearson Set Assessment (User Interfaces) Component 2 – Pearson Set Assessment (Data Manipulation) Component 3 – External Exam

Level 2 DIT- LEARNING JOURNEY

Where to next??

Level 3 ICT Apprenticeships

External EXAM

T26.Modern Technologies
Collaborating tools and scheduling.

T24.Services/features of cloud options
paid? offline? etc

T22. Communication Technology
Setting up networks

T21. Flow Charts
Interpret, design and apply.

T19. Data Flow Diagrams
Interpret, design and apply.

C. End of Topic Test

T17. Intellectual Property.
What are the consequences of breaking it?

T16. Data Protection Principles 8 steps that companies MUST follow

T14. Equal Access
Net neutrality and legal requirements

T13. Environmental Impact
Techno waste/ recycling etc

T12. Shared Data
Benefits/downfalls/ Responsible Use

T11. Actions to take after an attack.
Investigate, respond & manage

T10. Disaster Recovery
Who is responsible for each part?

T8. Defining Responsibilities
Employees, Employers?

T6. Data Level Protection.
Firewall, antivirus etc

T3. Internal threats to data.
What could the staff do?

T2. External threats to data.
Phishing, DOS etc

T1. Why systems are attacked.
Fun, disruption etc

Comp 3 Exam 40%

C/W Window

C/W Feedback and Reflection

Mock C/W

RECAP:
Topics completed pre-summer (Comp2)

REVISION!
Exam practice, Mock Papers Revision Techniques

A. End of Topic Test

T25.Changes to modern teams
Inclusivity, flexibility, 24/7

T23. Cloud storage & computing
Benefits/downfalls for business and individuals

D. End of Topic Test

T20. Flow Diagrams
Interpret, design and apply.

T18. Forms of notation.
What methods do we use and why?

T15. Acceptable Use
Policy for staff and users.

B. End of Topic Assessment

T4.Impact of security breaches.
Data loss, legal implications

T5. User access restrictions
Passwords, biometrics etc

T7. Finding Weaknesses
Ethical hacking

T9. Defining Security parameters.
Password policy

YEAR 11 GCSE

A7. Threats to individuals
Threat such as fraud, invasion of privacy, targeting vulnerable groups

B1. Data Processing Methods
Spreadsheet skills: functions, formulas, sorting, macros etc

B2. producing a dashboard
The ability to summarize data and use suitable data presentation methods

C2. How presentation affects understanding
What can affect data - bias, misinterpretation, inaccurate conclusions etc

C1. Drawing conclusions
What trends or patterns are clear?

A6. Sectors that use data modelling How is data used by education, transport, entertainment etc

A5. Quality of Info
Factors include: source, age, completeness, volume etc

A4. Data Collection
What are the sources of data - Primary, Secondary and collect methods

A1. Characteristics of data and info
What is the difference between data and info?

Comp 2 - C/W 30%

C/W Window

C/W Feedback and Reflection

Mock C/W

C1. Review
Identifying strengths and weaknesses

B4.. Developing a User Interface
This should be linked to the designs and design Spec.

A3. Ensuring Data is suitable for processing
Understand the different between verification and validation

A2. Representing Data
Can identify when best to use text, numbers, tables, graphs or infographics

B3. Create an Initial Design
Develop designs along with a design spec.

A4. Designing an efficient user interface
How can access and speed be improved?

A2. Audiences Needs.
Focusing on accessibility needs and skill levels of the user

B2. Create a project Plan
Creating a project proposal building in time constraints and user requirements

YEAR 10 GCSE

Comp1 - C/W 30%

Introduction
Specification requirements. overview of course expectations. Folder Setup. Workbooks. Homework calendar. Student/Teacher expectations.

A1. What is a user Interface?
Explore different types of user interfaces and factors affecting choice.

A3. Principle Design
These include the use of colours, Fonts, Language, Layout and intuitive design

B1. Project Planning Techniques
The use of planning tools and methodologies

START OF DIT