Year 10 DIT Journey

Tier 3 Vocabulary:

Autumn 1	Autumn 2	Spring 1
User interface, accessibility, navigation, consistency, user experience, audience.	Project proposal, Gantt chart, milestone, prototype, testing, review.	Data, information, validation, verification, primary data, data quality.

START

AU1: COMPONENT 1 – USER INTERFACE DESIGN

Why this?
□ Explore different types of user interface.
□ Understand audience needs and accessibility.
□ Apply design principles such as layout, colour, navigation and consistency.

Why now?
□ Introduces Component 1 and prepares students to design their own interface.

Reading:
□ Why accessible design matters.

Autumn 1

AU2: COMPONENT 1 – PROJECT PLANNING AND DEVELOPMENT

Why this?
□ Create project proposals, task lists and Gantt charts.
□ Design and develop a working user interface.
□ Test, review and improve the final product.
□ Complete the Component 1 Pearson Set Assignment.

Why now?
□ Applies the design principles taught in Autumn 1.

Reading:
□ How digital products move from an idea to a prototype.

Component 1 assesses project planning, interface designs, prototype development and review.

Autumn 2

SP1: COMPONENT 2 – COLLECTING AND USING DATA

Why this?
□ Understand the difference between data and information.
□ Explore primary and secondary data collection.
□ Understand validation, verification and data quality.
□ Investigate how organisations use data to make decisions.

Why now?
□ Provides the knowledge needed to manipulate and present data.

Reading:
□ Big data and privacy.

Spring 1

SP2: COMPONENT 2 – DATA DASHBOARDS

Why this?
□ Use spreadsheet formulae and functions.
□ Sort, filter and process large datasets.
□ Create dashboards using charts and tables.
□ Identify trends and draw conclusions.
□ Complete the Component 2 Pearson Set Assignment.

Why now?
□ Applies data knowledge to a practical organisational scenario.

Reading:
□ How dashboards support decision-making.

Component 2 assesses data collection, manipulation,

Spring 2

SU1: COMPONENT 3 – MODERN TECHNOLOGIES

Why this?
□ Explore communication technologies and cloud computing.
□ Understand cloud storage, synchronisation and access rights.
□ Consider performance, security and compatibility.

Why now?
□ Begins the externally assessed component after Components 1 and 2.

Reading:
□ How cloud computing has changed workplaces.

Summer 1

SU2: COMPONENT 3 – IMPACT OF MODERN TECHNOLOGIES

Why this?
□ Explore virtual teams and collaborative working.
□ Understand remote working and communication tools.
□ Evaluate the benefits and drawbacks of modern technologies.

Why now?
□ Prepares students for cybersecurity and wider implications in Year 11.

Reading:
□ Is remote working the future?

Summer 2

FINISH

Tier 3 Vocabulary:

Spring 2	Summer 1	Summer 2
Formula, function, sorting, filtering, dashboard, data visualisation.	Cloud computing, cloud storage, synchronisation, access rights, scalability, compatibility.	Stakeholder, virtual team, collaboration, remote working, infrastructure, productivity.