



Year 11 DIT Journey

Tier 3 Vocabulary:

Autumn 1	Autumn 2	Spring 1
Cybersecurity, malware, phishing, social engineering, vulnerability, data breach.	Authentication, encryption, firewall, backup, device hardening, disaster recovery.	Privacy, cookies, electronic waste, sustainability, equal access, net neutrality.

FINISH

Summer 1

Spring 1

SPRING 1: COMPONENT 3 – WIDER IMPLICATIONS

Why this?

- Explore privacy and the responsible use of data.
- Understand environmental impacts and electronic waste.
- Consider equal access and net neutrality.

Why now?

- Develops students' ability to evaluate the wider impact of technology.

Reading:

- Who owns your data?

Autumn 2

AUTUMN 2: COMPONENT 3 – CYBERSECURITY PROTECTION

Why this?

- Explore passwords, biometrics and two-factor authentication.
- Understand firewalls, encryption and backups.
- Explore security policies and disaster recovery.

Why now?

- Develops students' ability to recommend suitable protection methods.

Reading:

- How organisations recover from cyberattacks.

Autumn 1

AUTUMN 1: COMPONENT 3 – CYBERSECURITY THREATS

Why this?

- Understand why digital systems are attacked.
- Explore malware, phishing, social engineering and hacking.
- Understand the impact of security breaches.

Why now?

- Builds on the modern technologies studied in Year 10.

Reading:

- Why organisations are targeted by cybercriminals.

SUMMER 1: FINAL REVISION AND ASSESSMENT

Why this?

- Review all Component 3 topics.
- Complete timed practice questions.
- Improve examination technique using personalised feedback.
- Complete the external assessment.

Why now?

- Prepares students for their final examination.

Reading:

- How to answer vocational scenario question

SPRING 2: COMPONENT 3 – LEGAL AND ETHICAL ISSUES

Why this?

- Understand data protection and acceptable-use policies.
- Explore copyright, trademarks and intellectual property.
- Interpret diagrams and complete practice assessments.

Why now?

- Completes Component 3 content before final revision.

Reading:

- How laws shape the use of digital technology.

Spring 2

Tier 3 Vocabulary:

Spring 2	Summer 1	Summer 2
Data protection, acceptable-use policy, copyright, intellectual property, data-flow diagram, patent.	Synoptic assessment, vocational scenario, analysis, evaluation, justification, external assessment.	Apprenticeship, digital sector, employability, progression, transferable skills, digital literacy.