Curriculum Overview

Subject: Information Technology

Year Group: 10

CHASE HIGH SCHOOL
AMBITION - RESILIENCE - KINDNESS

The BTEC Level 1/2 Tech Award in Digital Information Technology equips learners with practical digital skills through vocational tasks focused on user interface design, project planning, data handling and interpretation, and understanding effective digital working practices. The course is built around three components combining real-world application with essential underpinning knowledge, helping students understand how digital systems operate and how organisations use technology.

Learners also develop transferable skills such as problem-solving, data analysis, visual communication, and organisation, preparing them for a range of digital pathways. The qualification supports progression to Level 3 courses like BTEC Nationals in IT or Digital Content Production, as well as apprenticeships or careers in the growing digital sector.

TERM 1	TERM 2	TERM 3
KNOWLEDGE/SKILLS Component 1 – Exploring User Interface Design Principles and Project Planning Techniques Understand different types of user interfaces and their software/human. Analyse user needs and how these impact interface design. Apply design principles such as layout, colour, font choice, and visual clarity to create effective user interfaces. Use project planning tools and techniques to design and refine a user interface.	KNOWLEDGE/SKILLS Component 2 – Collecting, Presenting and Interpreting Data Collect and manage data using digital tools such as spreadsheets and data tables. Analyse and interpret data to identify patterns, support decisions, and draw conclusions in realistic scenarios. Create clear data visualisations to communicate findings effectively Develop organisational, problem-solving and technical skills through real-world data tasks.	KNOWLEDGE/SKILLS Component 3 – Effective Digital Working Practices Understand cybersecurity risks, system attacks, internal/external threats, and methods of protecting networks and data. Explore legal, ethical and environmental considerations such as data protection, acceptable use, equal access and digital footprints. Understand how organisations use digital systems, cloud services, collaborative tools and workflows to operate efficiently. Interpret data/information flow diagrams and system documentation to understand how digital information moves within organisations.
KEY ASSESSMENTS Written portfolio, externally set by exam board, assessed internally.	KEY ASSESSMENTS Written portfolio, externally set by exam board, assessed internally.	KEY ASSESSMENTS Externally assessed written examination.

Extended reading suggestions and external resources:

BTEC DIT Specification: https://qualifications.pearson.com/en/qualifications/btec-tech-awards/digital-information-technology.coursematerials.html
Google Applied Digital Skills: Free, step-by-step practical lessons on spreadsheets, data handling, project planning, and digital tools.
https://applieddigitalskills.withgoogle.com

Curriculum Overview

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In Year 11, students complete the final stage of the BTEC Digital Information Technology course, focusing mainly on Component 3: Effective Digital Working Practices, the externally assessed exam. They deepen their understanding of cybersecurity threats, legal and ethical responsibilities, data protection, and how organisations use digital systems safely and efficiently. Students also refine key digital skills developed in Year 10, including user interface design, project planning, data interpretation and clear digital communication.

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