

Year 11 IT

The Year 11 IT curriculum has been devised to improve students' knowledge of the digital environment and their confidence with IT. They learn about data management issues and develop practical skills by planning and creating an integrated technological solution to communicate information.

Methods of deepening and securing knowledge:	
Retrieval practice	Starter activities are used whilst students log on to computers, these are knowledge retrieval activities.
Interleaving	Pre-production and creative skills are revisited several times throughout Year 11. Key concepts are repeatedly covered using scenarios and are interleaved within the curriculum.
Concrete examples	Concrete examples are used as the teacher demonstrates completed projects or tasks in creative or practical lessons to demonstrate how the skills taught can be applied to different scenarios.
Dual coding	Dual coding is used as instructions for tasks include written steps and images showing what icons or tools look like.

	Autumn term 1	Autumn term 2	Spring term 1	Spring term 2	Summer term 1	Summer term 2
Topic(s)	Set Assignment Assessment R013	Set Assignment Assessment R013	Unit LO4 - Threats, impacts, prevention Unit L06 - Selection and justification of appropriate software to process data and present information	Unit L06 - Resources required for presenting information Unit L03 - What is data - What is information - Methods used to collect and store data - Storage methods - Use of data application and interaction of data stores	Unit L01 - Project life cycle - Interaction and iteration of PLC Inputs and outputs of PLC - Project considerations - Planning tools and software to develop project plans	

Assessment		Set assignment – externally moderated				
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Homework:

Homework is a core part of learning and serves to support the learning in class, enrich the student experience and develop knowledge and skills. Each theory lesson will include a follow up homework task for students to complete in their own study time. Preparing for assessment is an essential part of each topic as each assessment allows teachers and students to see their progress. It is crucial that revision is completed so students can show what they know.