

INTENT:

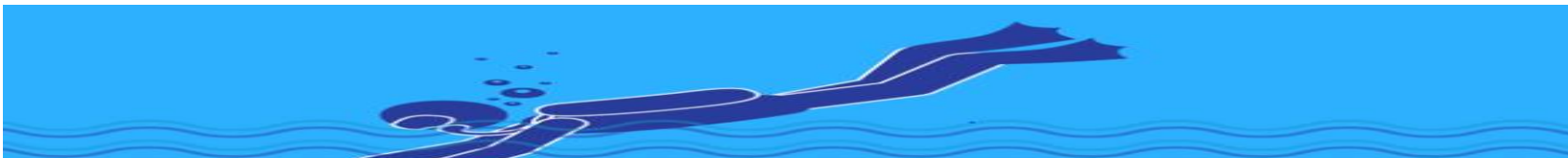


"I do not fear computers, I fear the lack of them"

Isaac Asimov







Explore the wide range of uses of hardware, application and specialist software in society. Learners will investigate how information technology is used in a range of contexts, including business and organisations, education and home use of information technology.

Students will be introduced to a broad working knowledge of databases, spreadsheets, automated documents and images and enables them to apply their knowledge and understanding to solve problems in vocational settings










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Half term points						
10	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	Planning, creating, manipulating & storing images	Planning, creating & modifying an automated document	Planning, creating, using & modifying a spreadsheet	Planning, creating, using & modifying a spreadsheet	Planning, creating, using & modifying a database	Planning, creating, using & modifying a database
	Learning to include: <ul style="list-style-type: none"> Plan and design an image in response to the client brief. Create and modify an image using appropriate tools and techniques. Store the image appropriately and output the final image in a format that is fit for purpose. 	Learning to include: <ul style="list-style-type: none"> Plan and design an automated document in response to the client brief. Create an effectively structured data source and link that to a standard document Appropriately structure the content of the standard document and insert fields as required. Merge and output the final documents. 	Learning to include: <ul style="list-style-type: none"> Plan and design a spreadsheet in response to the client brief. Create and format your spreadsheet according to your planning and design. Make use of appropriate data formatting and add suitable validation rules. 	Learning to include: <ul style="list-style-type: none"> Use appropriate formulae and functions to meet the outcomes set in the brief. Arrange, reduce and output data to help make decisions. Modify data and formulae to model 'what if' scenarios. Test and evaluate your spreadsheet. 	Learning to include: <ul style="list-style-type: none"> Plan and design a database in response to the client brief. Create and modify your database according to your planning and design. Interrogate your database. 	Learning to include: <ul style="list-style-type: none"> Create a user interface for your database. Test and evaluate your database.
						



CONNECTED

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11	Half term points					
	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	Unit 1 ICT in Society Learning to include: <ul style="list-style-type: none"> Functionality of different hardware devices. Functionality of different software. Services provided by IT. 	Unit 1 ICT in Society Learning to include: <ul style="list-style-type: none"> Why data must be fit for purpose. How input data is checked for errors. How data transfers over different types of network. 	Unit 1 ICT in Society Learning to include: <ul style="list-style-type: none"> Different types of connectivity. Risks to information held on computers. The impact of data loss, theft or manipulation on individuals and businesses. 	Unit 1 ICT in Society Learning to include: <ul style="list-style-type: none"> Methods used to protect information. How moral and ethical issues affect computer users. How legal issues protect computer users. 	Unit 1 ICT in Society Learning to include: <ul style="list-style-type: none"> The cultural, personal and environmental impact of ICT. How a digital footprint can impact computer users. 	Exam revision