Term	Half Term		Year 10	Year 11
Winter	Autumn 1	Торіс	Units Data storage Compression	Revisit Computational Thinking Revisit Programming fundamentals Data types
		Skill	Converting between different number systems. Applying mathematical skills of indices. Basic multiplication and addition.	Application of fundamental principles of abstraction, decomposition, logic and algorithms.
	Autumn 2	Торіс	Primary Secondary Storage Networks and topologies	Additional programming techniques Searching and sorting algorithms Designing, creating and refining algorithms
		Skill	Knowledge of digital system components	Analysis of problems in computational terms Program design, code writing and debug skills
Spring	Spring 1	Торіс	Wired and wireless networks, protocols and layers Network Security	Producing robust programs Boolean Logic
		Skill	Knowledge of digital system components	Logical thinking Creative thinking, critical thinking and problem analysis
	Spring 2	Торіс	Systems Architecture Systems Software	Programming languages and IDEs Revision for exam
		Skill	Knowledge of digital system components	Revision skills
Summer	Summer 1	Торіс	Systems Software continued Ethical, legal, cultural and environmental impact	
		Skill	Analysis and knowledge of impacts of digital technology to the individual and to wider society	
	Summer 2	Торіс	Computational Thinking Programming fundamentals	
		Skill	Application of fundamental principles of abstraction, decomposition, logic and algorithms. Logical thinking Creative thinking, critical thinking and problem analysis	