

(A)UTHENTIC	(S)ACRED	(P)ASSIONATE	(I)NSPIRATIONAL	(R)ESILIENT	(E)MPATHETIC
	Y11 (Computer Science (S ⁻	TEM SUBJECT) – Curriculun	n Map	
Advent		Lent			Review of learning
Computer science OCR J277 Curriculum content:	uter science OCR J277 ulum content:		Computer science OCR J277 Curriculum content:		Takes place during and at the end of each half term and during <u>Do It Now</u> activities Disciplinary knowledge - revisit Systems architecture Memory and storage
 Computer Networks, connections and protocols Networks and Topologies Wired and wireless networks, protocols and layers 		 Extra-curricular assigned Seneca assignments Mock 2 - as per school calendar - emphasis on Paper 2, part B Revisit Programming 	 Algorithms Boolean Logic Programming Operating systems Ethical and cultural impacts 		
 Network security Threats to computer systems and relativing and preventing vulnerations Systems architecture Memory and storage Algorithms Boolean Logic Programming Operating systems Ethical and cultural impacts 	 Ork Security Threats to computer systems and networks Identifying and preventing vulnerabilities Systems architecture Memory and storage Algorithms Boolean Logic Programming Operating systems Ethical and cultural impacts 		 Programming fundamentals Programming fundamentals Data types Additional programming techniques SQL Inputs and outputs Sequence Selection Iteration File handling 		 Disciplinary knowledge Computer Networks, connections and protocols Network security Formative assessments; AO3/4; 'Do It Now's', key terms and retrieval activities [set works/exam style questions], dual coding, metacognition strategies and exam technique. AO1/2; ongoing formative teacher feedback provided. Summative assessments; formal review of
Interleaving: Revisit Yr.10 content via ten-minute Reading 3-2-1	test 'Do It Now's'	Reading 3-	-2-1		performance skills DIRT activity, bespoke teacher feedback - mark to GCSE specification. CST Participation Rights and responsibilities Common Good

Careers College assemblies British Values