KAA Curriculum Overview	Computer Science	Year 12 Teacher B	EOY Exam	Sequencing and Progression	
Rationale *Give an overview of what students are studying this year and why. Link directly to your overall curriculum intent.* *Students are studying how to*			*What content and skills will be assessed in the EOY exam?* *Link to model exam papers here.*	*How does this year build on what they've learnt last year?* *n /a*	*How will it benefit them as they move forward next year?*
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Sum 1	Sum 2
Link to MTP Overview						
Topic studied	Coursework Algorithms Applications Generation Software Development Data Types Programming techniques	Data Structures Data Types Boolean Algebra	Thinking abstractly Programming techniques Algorithms	Analysis of the problem Design of the solution	Revision	
Adjustments following last assessments / evaluation.						
Key knowledge and skills students need to have gained by the end of the unit	binary search and linear search bubble sort, insertion sort, merge sort quick sort, Dijkstra's shortest path algorithm, A* algorithm Translators Writing and following algorithms Object Orientated Programming Assembly Language	Binary Data Structures Arrays, Stacks and Queues. Boolean Algebra		Coursework and Software development methodologies		

How is understanding assessed at the end of the unit?	Unit Assessment	Unit Assessment	Unit Assessment	Unit Assessment	Unit Assessment	EoY Exam