

KAA Curriculum Overview		Computer Science	Year 10	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? The units in this year are introductions to computer science and students will have the opportunity to develop their idea as the progress.
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Sum 1	Sum 2
Link to MTP Overview						
Topic studied	Boolean Logic. Python Data storage	Algorithms and Programming	Programming Project Data representation	CPU Memory and Storage	Networks	Revision
Adjustments following last assessments / evaluation.	This can be restructured to give students a greater understanding of the fundamentals of CS	Students have struggled the most with programming and the project so we are going to do a more intensive sequence of programming lessons.	Students have struggled the most with programming and the project so we are going to do a more intensive sequence of programming lessons.			
Key knowledge and skills students need to have gained by the end of the unit	Students will create algorithms using the following: <ul style="list-style-type: none"> Sequence Selection Iteration 	Students will create algorithms using the following: <ul style="list-style-type: none"> Sequence Selection Iteration Creating and structuring algorithms Creating flowcharts and pseudocode.	Students will create algorithms using the following: <ul style="list-style-type: none"> Sequence Selection Iteration 	Students will look into the following hardware devices and understand their purpose within a computer system: <ul style="list-style-type: none"> CPU RAM Hard Drive and storage devices 	To understand protocols and how data is exchanged on the on the World Wide Web	
How is understanding assessed at the end of the unit?	Logic Assessment Text Adventure Game	Algorithms assessment	Programming Project	Hardware Assessments	Network Assessment	EoY Exam

