

KAA Curriculum Overview		Computer Science	Year 8	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 stay safe online and will be introduced to algorithms and programming. Students will also learn about Computer hardware.				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? More focus on sequence, selection and iteration.	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	Typing and HTML	Spreadsheets and Micro bits	Python 1	Python	How the web works	Cyber Security
Adjustments following last assessments / evaluation.	HTML has been refined as it was harder for students to follow. As a result, less emphasis on CSS, focus on HTML.	The Micro bits unit is to be more engaging and increase students programming skills				
Key knowledge and skills students need to have gained by the end of the unit	Students will know: <ul style="list-style-type: none"> How to create a website using HTML. 	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 Students will construct algorithms to loop using a conditional.	Students will create algorithms using the following: <ul style="list-style-type: none"> Sequence Selection Iteration Students will construct algorithms to loop using a conditional.	How does HTML work. What is an IP address.	How to spot email scams
How is understanding assessed at the end of the unit?	Website creation assessing the core HTML skills	Spreadsheet Assessment Micro bit Programming task	Python Skills assessment term 2	Python Skills assessment	Web assessment questions	EoY Exam