

Computer Science

Week commencing	What will be happening in lessons this week?	Evidence generated	Standardisation and moderation activities
15 th March	<p>Lesson 1 Revision on:</p> <ul style="list-style-type: none"> • Wired and wireless networks • Network topologies, protocols and layers <p>Lesson 2 Revision on:</p> <ul style="list-style-type: none"> • Computational thinking • How to produce algorithms using pseudocode and flowcharts 		
22 nd March	<p>Lesson 1 Revision on:</p> <ul style="list-style-type: none"> • System security • System software • Ethical concerns <p>Lesson 2 Revision on:</p> <ul style="list-style-type: none"> • Data representation (binary to hex and vice versa) • Sequencing, Selection and Iteration 		
29 th March (break up on Thu 1 st)	Assessment 1 Completion	Computer Science P1 and 2	This will be standardised and moderated
5 th April	Easter Holiday		

Establishing Evidence for TAG's – Subject Overview

12 th April			
Easter Holiday			
19 th April	<p>Lesson 1 Revision questions on:</p> <ul style="list-style-type: none"> • RAM and ROM • Wired and wireless networks • DNS • Network topologies, protocols and layers • Storage • System security • Encryption • System software • Ethical concerns • Open source vs Proprietary Software <p>Lesson 2 Revision questions on:</p> <ul style="list-style-type: none"> • Computational thinking • How to produce algorithms using pseudocode and flowcharts • Data representation • Data Types • Translators and facilities of languages • Computational logic(includes computing-related mathematics) • How to identify syntax and logic errors • Compression 		
26 th April	Assessment 2 Completion	GCSE PAPER 1 and 2	This will be standardised, blind marked and moderated

Establishing Evidence for TAG's – Subject Overview

<p>4th May (Bank Holiday Monday)</p>	<p>Lesson 1 Revision questions on:</p> <ul style="list-style-type: none"> • Systems Architecture(CU, ALU, Cache, Registers) • RAM and ROM • Wired and wireless networks • DNS • Network topologies, protocols and layers(packet switching) <p>Lesson 2 Revision questions on:</p> <ul style="list-style-type: none"> • Computational thinking • Linear Search • Insertion Sort • How to produce algorithms using pseudocode and flowcharts • Data representation (Numbers and Images) • Binary Shifts • Data Types 		
<p>10th May</p>	<p>Lesson 1 Revision questions on:</p> <ul style="list-style-type: none"> • Calculating storage capacity • System security • Encryption • System software • Ethical concerns • Open source vs Proprietary Software <p>Lesson 2 Revision questions on:</p> <ul style="list-style-type: none"> • Translators and facilities of languages 		

Establishing Evidence for TAG's – Subject Overview

	<ul style="list-style-type: none"> • Computational logic(includes computing-related mathematics) • How to identify syntax and logic errors • Testing • Compression • SQL statement(SELECT FROM) • Using the IF statement • Iteration 		
17 th May	Assessment 3 completion	GCSE PAPER 1 and 2	This will be standardised and moderated
24 th May			
1 st June	Half Term		

If there is any additional evidence not shown in the overview, please give details below:

During the weeks that there are no GCSE papers being attempted by the students, exam style questions from the exam board (OCR exam builder) will be used for both Component 1 and 2. Self and peer assessments will be used to check for progress.

Unit quiz will be used as starters and results from the quiz might be considered for individuals where necessary.