

CAMPUS CALENDAR 2020-21
Faculty of Business, Computer Science and ICT - KS4 - Year 11

26 Aug - 30 Aug	1	
02 Sep - 06 Sep	2	
09 Sep - 13 Sep	3	<p><u>Topics for this half-term:</u></p> <ul style="list-style-type: none"> • Defensive design considerations • Purpose of translators • Tools and facilities of IDEs • CPU • Primary and secondary storage
16 Sep - 20 Sep	4	
23 Sep - 27 Sep	5	
30 Sep - 04 Oct	6	
07 Oct - 11 Oct	7	<p><u>Assessment 1:</u> Topics: 1.1, 1.2</p>
14 Oct - 18 Oct		Mid Term Break
21 Oct - 25 Oct	8	
28 Oct - 01 Nov	9	<p><u>Assessment 2:</u> Topics: 2.3, 2.5</p>
04 Nov - 08 Nov	10	<p><u>Topics for this half-term:</u></p> <ul style="list-style-type: none"> • Binary, denary, hex • Binary addition, shift • ASCII, Unicode • Images, sound and compression • Types of networks, hardware and performance • Client server vs peer to peer • The internet, IP and MAC addresses • Star and mesh topologies <p><u>Topics for this half-term:</u></p> <ul style="list-style-type: none"> • Testing • Refining algorithms • Programming practice • Arrays, file handling, string manipulation
11 Nov - 15 Nov	11	
18 Nov - 22 Nov	12	
25 Nov - 29 Nov	13	
02 Dec - 06 Dec	14	
09 Dec - 13 Dec	15	
16 Dec - 20 Dec	16	
23 Dec - 27 Dec		Christmas & New Year Break
30 Dec - 03 Jan		
06 Jan - 10 Jan	17	<p><u>Topics for this half-term:</u></p> <ul style="list-style-type: none"> • Protocols and layers • Network threats • Preventing vulnerabilities
13 Jan - 17 Jan	18	
20 Jan - 24 Jan	19	<p><u>Assessment 3:</u> Topics: 1.2, 1.3, 1.4</p>
27 Jan - 31 Jan	20	<p><u>Topics for this half-term:</u></p> <ul style="list-style-type: none"> • Sequence, selection, iteration • Flowcharts • Pseudocode • Tracatables
03 Feb - 07 Feb	21	<p><u>Assessment 4:</u> Topics: 2.1, 2.2, 2.3</p>
10 Feb - 14 Feb	22	
17 Feb - 21 Feb		Mid Term Break
24 Feb - 28 Feb	23	<p><u>Topics for this half-term:</u></p> <ul style="list-style-type: none"> • Operating systems • Utility software • Open source vs proprietary software • Laws • Ethics <p><u>Assessment 5:</u> Topics: 1.5, 1.6</p>
02 Mar - 06 Mar	24	
09 Mar - 13 Mar	25	
16 Mar - 20 Mar	26	

23 Mar - 27 Mar	27	Topics for this half-term: <ul style="list-style-type: none"> • Abstraction and decomposition • Algorithmic thinking • Searching and sorting algorithms • Data types and SQL • Boolean algebra
30 Mar - 03 Apr	28	
06 Apr - 10 Apr		Easter Break
13 Apr - 17 Apr		
20 Apr - 24 Apr	29	Assessment 6: Topics: 2.1,2.2,2.4 Topics for this half-term: <ul style="list-style-type: none"> • Practice questions • Exam technique Assessment: Mock papers on both Paper 1 and Paper 22.4, 2.5, 2.6
27 Apr - 01 May	30	
04 May - 08 May	31	
11 May - 15 May	32	
18 May - 22 May	33	
25 May - 29 May		
01 Jun - 05 Jun	34	
08 Jun - 12 Jun	35	
15 Jun - 19 Jun	36	
22 Jun - 26 Jun	37	

Course Information

<u>Course Structure</u>	<p>The course is assessed through 100% Exam/50% Exam/50% Coursework</p> <p>At the end of Year 11 you will sit 2 exams</p>		
<u>Assessment</u>	<p>You will be assessed at 6 points throughout the year. The assessments will be formed of past exam-style content and will be graded with GCSE grades.</p> <p>Each assessment will be mostly focussed on the topic you have been studying; however, some of the questions will be interleaved (questions from other topics) making it vital that you always revisit topics over and over again as part of your 20:20:20 homework.</p>		
<u>Feedback</u>	<ol style="list-style-type: none"> 1. You complete the assessment 2. Your teacher will mark the work, giving you strengths that reinforce the positives in your work and targets that directly show you how to improve. 3. Your work will be returned to you and you will fill in a STAR Reflection sheet to help you engage with the feedback and identify how you will improve for next time 4. After reading the detailed feedback your teacher has provided you with, you will improve a part of your work using an improvement flap which will be stapled over the initial piece of work so you can visually see the progress you have made 5. Your assessments will be placed into assessment folders for the subject 		
<u>Assessment Objectives</u>	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"><u>How do I demonstrate this in my work</u></td> </tr> </table>		<u>How do I demonstrate this in my work</u>
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	<u>AO1</u>	Demonstrate knowledge and understanding of the key concepts and principles of Computer Science.
	<u>AO2</u>	Apply knowledge and understanding of key concepts and principles of Computer Science.
	<u>AO3</u>	Analyse problems in computational terms: <ul style="list-style-type: none"> - to make reasoned judgements - to design, program, evaluate and refine solutions
<u>Study Materials</u>	<ul style="list-style-type: none"> ● Knowledge Organisers ● CGP Revision Guide ● Google Classroom ● Craig 'n' Dave YouTube channel ● Quizlet ● BBC Bitesize 	
<u>Class Work</u>	You will each be given a ring binder and dividers for this course. You should file away worksheets after the lesson in the correct section. Please do not deface the ring binders in any way or we may charge you for a new one.	