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	**Topics for this half-term:** • Ethics, legislation, environmental, cultural and privacy impacts • Stakeholders • Open source and proprietary software • Sorting and searching algorithms
16 Sep - 20 Sep	4	
23 Sep - 27 Sep	5	**Assessment 1:** Topics: 1.8, 2.1
30 Sep - 04 Oct	6	
07 Oct - 11 Oct	7	
14 Oct - 18 Oct		**Mid Term Break**
21 Oct - 25 Oct	8	**Topics for this half-term:** • LANs and WANs • Factors that affect network performance • Peer to Peer and Client Server networks • Star and mesh topologies • VPN • Internet, DNS, hosting, the cloud • Packet switching • Ethernet, WiFi, Frequency and channels • Layers and protocols • Network threats and preventions
28 Oct - 01 Nov	9	
04 Nov - 08 Nov	10	
11 Nov - 15 Nov	11	
18 Nov - 22 Nov	12	**Assessment 2:** Topics: 1.4, 1.5, 1.6, 1.7
25 Nov - 29 Nov	13	**Topics for this half-term:** • Common tools and facilities of IDEs • Low vs High level languages • Purpose of translators • Characteristics of assemblers, compilers, and interpreters • Purpose of binary • Units, binary to denary conversion • Binary to hexadecimal and hexadecimal to denary conversion • Binary addition and binary shift • ASCII and Unicode, character sets • Check digit
02 Dec - 06 Dec	14	
09 Dec - 13 Dec	15	
16 Dec - 20 Dec	16	**Assessment 3:** Topics: 2.5, 2.6
23 Dec - 27 Dec		**Christmas & New Year Break**
30 Dec - 03 Jan		
06 Jan - 10 Jan	17	
13 Jan - 17 Jan	18	**Topics for this half-term:** • Algorithm writing • Flowcharts and pseudocode • abstraction and decomposition • programming techniques • Testing • purpose of robust programming • Exam style programing questions •
20 Jan - 24 Jan	19	
27 Jan - 31 Jan	20	
03 Feb - 07 Feb	21	**Assessment 4:** Topics: Exam style questions base from NEA
10 Feb - 14 Feb	22	
17 Feb - 21 Feb		**Mid Term Break**
24 Feb - 28 Feb	23	**Topics for this half-term:** • Records, SQL • Logic gates and Boolean algebra • System software and operating system • Utility system software • Backup methods and roles
02 Mar - 06 Mar	24	
09 Mar - 13 Mar	25	

16 Mar - 20 Mar	26	
23 Mar - 27 Mar	27	
30 Mar - 03 Apr	28	
06 Apr - 10 Apr		**Easter Break**
13 Apr - 17 Apr		
20 Apr - 24 Apr	29	**Topics for this half-term:** ● **Practice questions** ● **Exam technique** **Assessment:** Mock papers on both Paper 1 and Paper 22.4, 2.5, 2.6 *14th May – Paper 1 (am)* *21st May – Paper 2 (pm)*
27 Apr - 01 May	30	
04 May - 08 May	31	
11 May - 15 May	32	
18 May - 22 May	33	
25 May - 29 May		**Mid Term Break**
01 Jun - 05 Jun	34	
08 Jun - 12 Jun	35	
15 Jun 19 Jun	36	
22 Jun - 26 Jun	37	

Course Information

Course Structure	The course is assessed through 100% Exam/50% Exam/50% Coursework At the end of Year 11 you will sit 2 exams
Assessment	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. 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.
Feedback	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
Assessment Objectives	

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<tr><th></th><th><u>How do I demonstrate this in my work</u></th></tr>
<tr><td><u>AO1</u></td><td>Demonstrate knowledge and understanding of the key concepts and principles of Computer Science.</td></tr>
<tr><td><u>AO2</u></td><td>Apply knowledge and understanding of key concepts and principles of Computer Science.</td></tr>
<tr><td><u>AO3</u></td><td>Analyse problems in computational terms:
- to make reasoned judgements
- to design, program, evaluate and refine solutions</td></tr>
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<tr><td><u>Study Materials</u></td><td>● Knowledge Organisers
● CGP Revision Guide
● Google Classroom
● Craig ‘n’ Dave YouTube channel
● Quizlet
● BBC Bitesize</td></tr>
<tr><td><u>Class Work</u></td><td>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.</td></tr>
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