



3 February 2025

Dear Families

In order to help students prepare for their GCSEs, the Computer Science department will run a programme of online, interactive, revision sessions. While it is not possible to cover each aspect of every topic, this programme focuses on the areas that students have found most challenging.

The interactive livestreams take place on YouTube every Tuesday at 6.30pm and last for approximately 45 minutes (sessions 15 and 17 have been scheduled on different days on the eve of the exams). The livestreams are exclusively for Sackville students and may be accessed using the URL uploaded to Student Portal/MCAS. A recording of the sessions will be available later that week on their Google Classroom. I would however urge all students to take part if possible to partake in the interactive assessment opportunities.

#	DATE	TIME	TOPIC COVERED
1	4 February	6.30pm	System Architecture
2	11 February	6.30pm	Primary, Secondary Storage and Units
3	18 February	6.30pm	Numbers and Characters
4	25 February	6.30pm	Images, Sound and Compression
5	4 March	6.30pm	Networks and Topologies
6	11 March	6.30pm	Wired and Wireless Networks
7	18 March	6.30pm	Protocols and Layers
8	25 March	6.30pm	Network Security
9	1 April	6.30pm	System Software
10	8 April	6.30pm	Ethical, Legal, Cultural and Environmental impacts of IT globally
11	15 April	6.30pm	Computational Thinking
12	22 April	6.30pm	Standard Searching and Sorting Algorithms
13	29 April	6.30pm	Designing, Creating and Refining Algorithms
14	6 May	6.30pm	Data Types, Additional Programming Techniques
15	11 May	6.30pm	Revision Advice, Producing Robust Programs
16	13 May	6.30pm	Boolean Logic
17	19 May	6.30pm	Programming Languages, Translators and IDE

Should you have any questions, please do not hesitate to contact me. The first session will start on Tuesday 4 February, these sessions are in effect private tutoring sessions with Paul from Cognautics, a local educational company with an exceptional reputation!

Yours sincerely

Mr A Vallally-Godfrey

**Online Safety and Digital Learning Lead / CTL Computer Science and Design Technology  
Wider SLT**