Y10 Mock Exam Preparation: *Computer Science*

Mock Exam(s):
Exam 1: *Computer Systems, 80 marks, 23rd June, 9am - 11 am*
Exam 2: :Computational thinking, algorithms and programming, 80 marks, 5th July,
9am - 11am

Revision Topic List	
Content	**Skills**
- **Computer systems** - **The CPU** - **Memory** - **System performance** - **Secondary storage** - **Systems software (OS & utilities)** - **Open source and proprietary software** - **LAN and WANs** - **Network hardware** - **Network topologies** - **Network protocols** - **Network the internet**	- **Computational thinking** - **Writing algorithms and Flow diagrams** - **Search algorithms** - **Sorting algorithms** - **Data types** - **Casting and operators** - **Constants and variables** - **Strings** - **Program flow** - **Boolean operators** - **Arrays** - **File handling** - **Storing data** - **Searching data** - **Sub programs** - **Defence design** - **Testing** - **Units** - **Binary numbers** - **Hex** - **Characters (ASCII and Unicode)** - **Storing images** - **Storing sounds** - **Compression**

Student Study Support Guide