



SIMON LANGTON GRAMMAR SCHOOL FOR BOYS

SIXTH FORM

A level Computer Science



Please use the qr code or the below link to access the reading materials for this assignment.

[Link](#)

Summer Assignment

1. Read all of the articles using one of the above links.
2. Select one of the below questions.
3. Research the question and then write your answer to it. (Min 1 page – Max 2 pages using font size 11)
4. **Bring a printout of answer, with your name in the header, to your first lesson.**

Questions

1. How can we produce robust programs which are effective and efficient?
2. How can we query a large data set using a programming language?
3. How can we think more like a computer?
4. Have computers made the world better or worse?
5. How can we alter the current computer system to make the fastest system in the world?
6. How can we accurately model the world using computer software?
7. What problems are quicker and easier to solve by writing a program?



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8. How does theoretical knowledge help us to become better computer scientists?