



## 6<sup>th</sup> Form Independent Study Guide

### Subject – **COMPUTER SCIENCE**

- It is expected that you will study independently (excluding specific homework tasks such as essays etc.) for approximately 5 hours per week.
- You should continue to practice and develop your coding skills in a range of languages including Python/Java, HTML/CSS/JavaScript, LMC Assembler and SQL using the wide range of available online resources such as *YouTube*, *Tutorialspoint* and *Codecademy*.
- You should revise all taught theory and algorithms using your notes, the textbook and wider reading/viewing.
- You should produce comparison tables, bulleted lists and mind-maps to summarise key points.
- You could create self-tests and Kahoot quizzes, and revisit these regularly as part of your ongoing revision.
- You could work collaboratively with other students outside of lessons when and where appropriate, using each other's strengths to help address personal identified areas requiring development.
- You should keep up to date with technology news by routinely checking a range of websites including but not limited to [www.bbc.co.uk/news/technology](http://www.bbc.co.uk/news/technology), [www.wired.co.uk](http://www.wired.co.uk), [www.telegraph.co.uk/technology/news](http://www.telegraph.co.uk/technology/news), and [www.cnet.com/news](http://www.cnet.com/news) .