

# Computer Science Department Curriculum Guide

## Year 9

What will my son learn?		
Autumn term	Spring Term	Summer Term
<ul style="list-style-type: none"><li>• Cyber-crime and security</li><li>• Modern Technology</li><li>• Computer Systems</li></ul>	<ul style="list-style-type: none"><li>• App design and creation</li><li>• Computer Networks</li><li>• Data Representation</li></ul>	<ul style="list-style-type: none"><li>• Spreadsheets</li><li>• Databases</li><li>• Flowcharts/Algorithms</li><li>• Python programming</li></ul>

### How will my son be assessed?

- Unit tests that cover that term's topic.
- End of year exam – covering the whole year's syllabus.

### How can I support my son with Computing?

- He should have access to a computer in order to complete set homework
- It would be helpful if he had access to Microsoft Office (Excel and Access) otherwise an alternative will do (such as Open office)
- Download Python to a computer for him to practice key programming skills.
- Visit the following website for further support and resources:

[http://teach-ict.com/2016/ks3/ks3\\_home.html](http://teach-ict.com/2016/ks3/ks3_home.html)

<https://www.bbc.com/bitesize/levels/z4kw2hv>

