

Computer Science department Curriculum Guide

Year 8

What will my son learn?

Autumn term	Spring Term	Summer Term
<ul style="list-style-type: none">• HTML• Data Representation<ul style="list-style-type: none">○ Binary numbers○ Binary conversions○ ASCII	<ul style="list-style-type: none">• Databases• SQL	<ul style="list-style-type: none">• Spreadsheets• Flowcharts/Algorithms• Python programming• Spreadsheets

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

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

