

ICT

Year 8

Topics studied:

Students will study ICT for half of Year 8. They learn about how data is organised and stored in the form of databases and how they are used. In addition, students learn about ICT and the law and the social, ethical and environmental impact it has on society.

Keywords that students should know, and be able to spell, by the end of the year:

Databases, Microsoft Access, data, Field, record, Filter, primary key, query, data types, Boolean, Data Protection Act, Copyright, Designs & Patents Act, Computer Misuses Act, Environmental issues, Hacking, Viruses, Unauthorised Access, Adobe Fireworks, Toolbar, Magic wand tool, Animation, Frames

Subject specific websites to support revision and independent learning:

<http://www.teach-ict.com/>

<http://www.bbc.co.uk/education/subjects/zqmtsbk>

Recommended reading:

Theory notes on above subject specific websites.

To help your child in Computing this year you can:

- support them in learning how to spell the keywords above
- ask them to explain the keywords above by reflecting on their lessons
- encourage them to access the above subject specific websites and to undertake further reading on the topics covered and complete the tests/quizzes

Additional Information:

Students have one ICT lesson per week and will be set a homework task every three lessons. They will complete a milestone assessment after approximately 12 lessons.