

COMPUTING

Year 7

Topics studied:

Students study Computing for half of Year 7. They look at the different hardware components that are needed and what role they play when using a computer. Students are also introduced to programming, using different types of software to code their own solutions.

Keywords that students should know, and be able to spell, by the end of Year 7:

Input, Output, Storage, Gigabyte, Random Access Memory, Read Only Memory, Central Processing Unit, Operating System, User Interface, Embedded Systems

Subject specific websites to support revision and independent learning:

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

<http://www.bbc.co.uk/education/subjects/z34k7ty>

<https://code.org/>

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