



# Computing

*“Computers are like a bicycle for our minds .”*

Bill Gates

## Course content

Year 8 pupils are provided with vast opportunities to gain a true understanding of the inner workings of a computer and how to program in various languages. The course consists of a number of different topics, that all focus on computer systems and how to think like a computer. Algorithms will feature strongly and this will progress onto textual and graphical programming.

## Skills developed

- Textual programming skills
- Graphical programming skills
- Hardware and Software understanding
- Binary and denary conversion

## Topics covered

- Textual Programming
- Graphical Programming
- Algorithms
- Computation Thinking
- Computer Systems
- Binary

For more information

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