

# Computer Science

## ***The Course***

Computer Science is a broad and wide-ranging qualification that aims to build on the Coding and logical Thinking skills taught in GCSE (although having done the GCSE is not essential).

The course leads on to a whole range of degrees and vocations from web-design, Systems Analysis, Programming, Engineering etc.

## ***Tasks***

Before starting the Computer Science course we would like you to undertake some tasks:

1. Start to learn using Visual Basic, you will need to download and install Visual Studio (link below). Then go through the Tutorial (link below). Concentrate on making forms, naming items sensibly, considering appropriate layout, doing simple calculations etc.
2. Look at the specifications of your computer and other computers on the market. Read up on what different components do and the performance benefits of different amounts of cache, Ram etc.
3. Stay up to date with the latest Computing news by visiting the Weekly Reading lists below.

## ***Weekly Reading***

Stay up to date with the latest in technology by visiting these websites:

[https://www.sciencedaily.com/news/computers\\_math/computer\\_science/](https://www.sciencedaily.com/news/computers_math/computer_science/)

<http://news.mit.edu/topic/computers>

<https://www.independent.co.uk/topic/ComputerScience>

## ***Useful Websites***

Download Visual Studio: [here](#) (make sure you click 'visual basic' during the installation process.), select the Community free version and use your HWB logon to login.

Visual Basic Tutorial: [here](#)