

Computing

Links to your online specification

We follow AQA A Level Computer Science: [AQA A Level Computer Science](#)

Early access to interactive resources you may use

Background reading on the attached revision guides will help get you up to speed with the content. To open them, you will need to use the password: zz2ghc4

- 7759a - A Level AQA Computer Science Revision Guide Paper 1.pdf
- 7760a - A Level AQA Computer Science Revision Guide Paper 2.pdf

Additionally, looking at the specification at a glance online will give you an idea of the course structure and looking at past papers and mark schemes will allow you to familiarise yourself with the assessment structure:

- [Specification at a glance](#)
- [Past Papers and Mark Schemes](#)

Example assignments

- For paper 1, we will start by learning how to program using Visual Basic within the Visual Studio Development Environment. If you wish to get an early start with this, we would suggest downloading Microsoft Visual Studio Community Edition for free : [Visual Studio Community Edition](#) and then following the online course: [VB Course](#)
- You will be expected to come up with ideas for your programming project. This needs to be a programmed solution to an end users problem and is relatively open ended. Previous examples include: Gym booking and membership system, sports day scheduler and results calculator, message encryption and compression, A level maths tutor, Learning games for small children, GCSE results analysis, Artificial intelligence examples, simulations of bacteria life cycles. For this we are open to any suggestions, but we will work with you to decide which of your ideas are most appropriate.
- For paper 2, some of the first areas we will investigate will include:
 - 4.6 Fundamentals of computer systems
 - 4.7 Fundamentals of computer organisation and architecture
 - 4.9 Fundamentals of communication and networking

You may wish to do some background reading around these areas prior to the course.

Reading lists

- Course textbook: AQA A Level Computer Science: Bob Reeves We will supply you with a book in September
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Extended reading suggestions

Movies / TED Talks / Podcasts etc