GCSE COMPUTER SCIENCE

Type of subject:
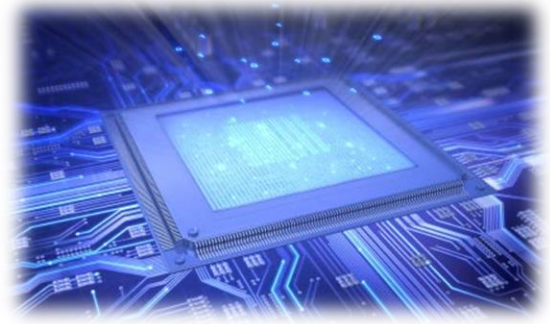Academic, technical

This subject goes well with:
Maths

If you pick this subject, don't also pick:
Cambridge National Level 1/2 Creative iMedia

Example of topics studied:
The GCSE in Computer Science will involve the following topics:
- Computer Hardware
- Computer Networking
- Algorithms
- Programming Techniques
- Software Development Life Cycle
- Database Concepts

Additional information:
This qualification:
- prepares students to learn, work and live in an increasingly digital world
- develops creativity, logic, independent learning and self-evaluation
- gives students a chance to design apps and software for technologies they use: mobile phones, games consoles and the internet
- teaches computing which is of enormous importance to the economy and focuses on computer technologies that are relevant in the modern world
- has content overlaps with Microsoft Technology Associate certifications to give industry recognised skills
- gives a thorough grounding in computing, creating opportunities for students to move on to A levels, vocational courses, industry recognised IT qualifications and employment
- also supports progress in other areas such as technology, science, engineering and the creative industries.

How is the course assessed?
Two written exam papers (100% of overall grade) test students' understanding of the themes of study. One controlled assessment tests practical programming skills using a theme provided by the exam board. Learners will code their solutions in a suitable programming language.

Who should I talk to if I want to ask about this subject?

Mr T Ditta (tayyab.ditta@elawnswood.co.uk)