Computer Science is the core of computing in which students are taught the principles of information and computation, how digital systems work, and how to put this knowledge to use through problem solving and computational thinking. Building on this knowledge and understanding, students are equipped to use digital technologies to create solutions, systems and a range of content. Computing has deep links with mathematics, science, and design and technology, and provides insights into both natural and artificial systems. Computing ensures that students become digitally literate, and are able to use and express themselves, and develop their ideas through information and communication technology at a level suitable for the future workplace and as active participants in a 21st Century digital world

GCSE Computer Science

Exam Board: OCR

For more information, please watch here ►

Assessment: 100% Examination - 50% Component 1 (1 Hour 30 Minutes),

50% Component 2 (1 Hour 30 Minutes)

Overview: Students will study: how technology works, systems and how to create your own

programme, computer systems, systems architecture, memory, storage, wire and wireless networks,

network topologies, protocols, layers, system security, software, algorithms.

Progression: A Level ICT | A Level Computer Science | BTEC Level 3 in ICT | BTEC Level 3 in

Computer Science | Computing apprenticeships