



Curriculum Statement

Computer Science

KS3: Students follow a bespoke curriculum designed by the delivering teacher. This incorporates the KS3 curriculum and is designed to ensure students studying GCSE Computer Science have a grounding in the fundamental concepts covered at KS4. Students start with the 'big picture', studying Hardware and Algorithms, giving them the skills to access later topics such as Binary and Hexadecimal where students study the mathematical makeup of machines. Throughout KS3, students learn to program in 3 languages, starting with block-based languages before progressing to High-Level Languages.

Curriculum enrichment

Students have the opportunity to enter a range of National Competitions such as National Cryptography Competition, competing against other secondary schools in solving encryption puzzles through the University of Manchester. Also, The Online CyberFirst Girls competition which provides a fun yet challenging environment, designed to encourage girls into Computer Science through Cyber Security