



Computer Science

■ Remarkable Curriculum ■

Ambition

- Computer Science curriculum aims to stretch pupils at all levels
- Our ambition is to give a broad understanding of many computer and ICT topics
- We aim for students to develop practical application and creative thought in programming
- We aim to build independence and creative thought in programming
- We also aim to build a theoretical understanding of how the modern world actually works

Commitment

- We are committed to providing students an up to date theoretical side to the curriculum by covering new and exciting topics that reflect what they are exposed to in real life
- We are committed to improving the prospects of all students not just those that take the subject at KS4. Through building problem solving skills and digital literacy
- We are committed to strengthening students' vocabulary through the heavy use of key terminology
- We are committed to building strong programmers that can think independently and create algorithms to solve problems

Pride

- We are proud of our weaving of SMSC into our lessons wherever possible
- We are proud of the challenge we provide to students throughout KS3 and KS4
- We are proud of the structure and order of many algorithmic topics to provide students with many chances to learn and understand programming concepts