

Intent

HEBBURN
Comprehensive School



WORK HARD | BE KIND | ASPIRE

Computers and the Internet are integral aspects of modern life. We are surrounded by, and often reliant on, devices that have computing power at their core. From governments and multi-national businesses to local enterprises and individuals, we rely on computer networks and software to keep the global economy running. Studying computing will enable students to develop a range of knowledge and skills necessary for success in the modern world. This course combines the key concepts of Computer Science, Digital Literacy and Digital Citizenship to provide a holistic programme of study.

Pupils will develop their experience of industry standard software packages to ensure that they are prepared for working in an increasingly digitized world. Computer science allows pupils to develop their understanding of how computers work and how data is transmitted.

The digital world is full of potential but only if pupils are responsible and aware of potential risks to their information. In IT we develop their understating of being a responsible digital citizen by developing an awareness of E-safety, identifying and dealing with potential issues such as cyberbullying, cyber security and netiquette.

	7	8	9	10	11
Topics	Induction Spreadsheets 1 About Me presentation Desktop publishing Computer Science 1 Python 1	Hardware and software Spreadsheets 2 E-safety 1 Computer Science 2 Python 2	Networking HTML and CSS E-safety 2 Python 3 Data dashboards	<u>OCR Cambridge National</u> Advanced spreadsheet techniques Data Manipulation using Spreadsheets (NEA) Presenting information with Augmented Reality IT in the Digital World	<u>Edexcel BTec</u> Presenting and Manipulating Data Effective Working Practices