

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Knowledge & Skills	Computer Networks <ul style="list-style-type: none">• Wired and Wireless Networks• Network Topologies• Network Security• Protocols and Layers• Python Challenges	Cyber Security <ul style="list-style-type: none">• Cyber Security Threats• Social Engineering• Malicious Code• Detection and Prevention• Python Challenges	Relational Databases and SQL <ul style="list-style-type: none">• Databases• Relational Databases• Structured Query Language• SQL Practical	Impacts of Digital Technology <ul style="list-style-type: none">• Ethical Impacts• Environmental Issues• Legislation and Privacy• Python Challenges	Revision and Exam Preparation	
Links to prior learning	<ul style="list-style-type: none">• Year 8 Computers & Networks	<ul style="list-style-type: none">• Year 9 Cyber Security	<ul style="list-style-type: none">• Year 8 Databases	<ul style="list-style-type: none">• Year 9 Online Safety	<ul style="list-style-type: none">• Key Stage 4 Computer Science	
Assessment	<ul style="list-style-type: none">• End of Unit Assessment	<ul style="list-style-type: none">• End of Unit Assessment• Mock Exams	<ul style="list-style-type: none">• End of Unit Assessment	<ul style="list-style-type: none">• End of Unit Assessment	<ul style="list-style-type: none">• Exam Practice Questions	
Home learning	<ul style="list-style-type: none">• Weekly homework based on the current topic• Revision	<ul style="list-style-type: none">• Weekly homework based on the current topic• Revision	<ul style="list-style-type: none">• Weekly homework based on the current topic• Revision	<ul style="list-style-type: none">• Weekly homework based on the current topic• Revision	<ul style="list-style-type: none">• Revision	
Cultural Capital and extra-curricular opportunities	<ul style="list-style-type: none">• Wide Reading	<ul style="list-style-type: none">• Wide Reading	<ul style="list-style-type: none">• Wide Reading	<ul style="list-style-type: none">• Wide Reading	<ul style="list-style-type: none">• Wide Reading	
Literacy	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups• Computer Science Terminology	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups• Computer Science Terminology	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups• Computer Science Terminology	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups• Computer Science Terminology	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups• Computer Science Terminology	
Numeracy	<ul style="list-style-type: none">• Data Packets• Encryption	<ul style="list-style-type: none">• None	<ul style="list-style-type: none">• Integers and Decimals• Dates• Boolean Operators• Comparison Operators• Sorting Data•	<ul style="list-style-type: none">• None	<ul style="list-style-type: none">• Key Stage 4 Computer Science Numeracy	
Careers Information, Education, Advice and Guidance (CEIAG)	<ul style="list-style-type: none">• Careers in Network Engineering	<ul style="list-style-type: none">• Careers in Cyber Security	<ul style="list-style-type: none">• Careers in Database Management	<ul style="list-style-type: none">• Careers in Computer Science	<ul style="list-style-type: none">• Careers in Computer Science	
Spirituality	<ul style="list-style-type: none">• Principles: Truth	<ul style="list-style-type: none">• Principles: Truth	<ul style="list-style-type: none">• Principles: Truth	<ul style="list-style-type: none">• Principles: Truth & Respect	<ul style="list-style-type: none">• Principles: Patience	
How can parents support the curriculum?	<ul style="list-style-type: none">• Checking homework• Support with any computer science questions• Support with Revision	<ul style="list-style-type: none">• Checking homework• Support with any computer science questions• Support with Revision	<ul style="list-style-type: none">• Checking homework• Support with any computer science questions• Support with Revision	<ul style="list-style-type: none">• Checking homework• Support with any computer science questions• Support with Revision	<ul style="list-style-type: none">• Checking homework• Support with any computer science questions• Support with Revision	