

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Knowledge & Skills	Python Programming To enable students to develop their logical thinking and programming skills further and become more confident users of text-based programming languages by consolidating their understanding of how a program is structured and how variables are used to store data. They will also look at program design and aspects of program testing. The knowledge and skills learned will allow students to create programs which utilise the key programming constructs (sequence, selection and iteration).	Introduction to Business To enable students to gain an understanding of business enterprise, the purpose of business activity and how businesses can add value to a product or service. Students will gain an awareness of key business terminology and lessons will focus on areas such as business enterprise, entrepreneurship and risk and reward. The knowledge learned will allow students to gain a deeper understanding of business enterprise and entrepreneurship and prepare them for GCSE Business, should they choose it as an option.	Cyber Security To enable students to become confident users of technology by utilising ICT both ethically and responsibly. Students will gain an awareness of the current threats to security when working online, including protecting personal data, email scams, identity theft, hacking attacks, types of malware and protecting computer networks from different types of threats and attacks.	Online Safety To enable students to consider utilising technology both ethically and responsibly, ensuring that they know how to stay safe, be respectful, responsible and keep their personal data secure. The knowledge and skills learned will also allow students to know how to recognise and report any concerns relating to their online identity including their digital footprint, fake news, how they use digital media, privacy and security, sexual behaviour online, balancing life online and risks and harm online.	Graphics To enable students to understand how bitmap and vector graphics are represented and stored by a computer using different graphic file types. The knowledge and skills learned will enable students to explore how to convey different meanings and emotions through the use of placement and layering and practise skills in design, photo-editing, using effects and image manipulation using a suitable graphics package.	
Links to prior learning	<ul style="list-style-type: none">• Year 7 Core Skills• Year 7 Scratch• Year 8 Spreadsheets• Year 8 Flowol• Year 8 Small Basic• Year 8 Microbits	<ul style="list-style-type: none">• Year 7 Core Skills	<ul style="list-style-type: none">• Year 7 Core Skills• Year 7 Online Safety• Year 8 Computers & Networks	<ul style="list-style-type: none">• Year 7 Core Skills• Year 7 Online Safety	<ul style="list-style-type: none">• Year 7 Core Skills• Year 8 Microbits	
Assessment	<ul style="list-style-type: none">• Written & Practical Assessment	<ul style="list-style-type: none">• Written Assessment	<ul style="list-style-type: none">• Written Assessment	<ul style="list-style-type: none">• Written Assessment	<ul style="list-style-type: none">• Written & Practical Assessment	
Home learning	<ul style="list-style-type: none">• Python Basics• Spot the Errors• Loops Research	<ul style="list-style-type: none">• Research business key terms	<ul style="list-style-type: none">• Online Tips Leaflet• Cyber Security Report	<ul style="list-style-type: none">• Digital Footprints• Gaming Addiction• Healthy Digital Lifestyle	<ul style="list-style-type: none">• Logo Design• Poster Design	
Cultural Capital and extra-curricular opportunities	<ul style="list-style-type: none">• Wide Reading• iDEA	<ul style="list-style-type: none">• UK Bebras Challenge• Wide Reading• iDEA	<ul style="list-style-type: none">• Safer Internet Day• Wide Reading• iDEA	<ul style="list-style-type: none">• Wide Reading• iDEA• Understanding of Online Safety Laws	<ul style="list-style-type: none">• Wide Reading• iDEA	
Literacy	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups	<ul style="list-style-type: none">• Year 9 Spellings• Oracy: Discussion in pairs and groups	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups	<ul style="list-style-type: none">• Oracy: Discussion in pairs and groups	
Numeracy	<ul style="list-style-type: none">• Storing values in variables• Loop counting and control• Executing code paths based on specific conditions	<ul style="list-style-type: none">• Profit• Sales Revenue• Adding Value• Business Costs	<ul style="list-style-type: none">• Data and Information• Percentages• Graphs	<ul style="list-style-type: none">• Statistics• Percentages• Radar Charts• Graphs	<ul style="list-style-type: none">• Shape• Radius• Scaling• Rotation	
Careers Information, Education, Advice and Guidance (CEIAG)	<ul style="list-style-type: none">• Careers in Software Development	<ul style="list-style-type: none">• Careers in Business• Self-Employment	<ul style="list-style-type: none">• Careers in Cyber Security	<ul style="list-style-type: none">• Careers in Online Safety	<ul style="list-style-type: none">• Careers in Graphical Design	
Spirituality	<ul style="list-style-type: none">• Principles: Truth & Patience• Proverbs 4:26: "Give careful thought to the paths for your feet and be steadfast in all your ways."• This verse emphasizes the importance of careful thought and planning, which is essential when writing a Python program. Every line of code is a "step" on the path to the program's goal	<ul style="list-style-type: none">• Principles: Respect & Truth• Proverbs 10:4: "Lazy hands make for poverty, but diligent hands bring wealth."• This is a straightforward lesson on the importance of effort and commitment. It teaches that success in business is a direct result of hard work and not just luck	<ul style="list-style-type: none">• Principles: Respect & Truth• Proverbs 12:23: "A shrewd man keeps his knowledge to himself, but a foolish heart proclaims its folly."• This verse speaks to the importance of discretion and confidentiality, a core principle of cybersecurity. A "shrewd" or prudent person understands the value of keeping sensitive information private and doesn't foolishly share it, which could lead to security vulnerabilities	<ul style="list-style-type: none">• Principles: Respect, Truth & Love• John 13:34 "A new command I give you: Love one another. As I have loved you, so you must love one another• This unit encourages the consideration of wider society and our place in it and how the way in which we treat each other reflects our underlying values and beliefs	<ul style="list-style-type: none">• Principles: Patience• Philippians 4:8: "Finally, brothers and sisters, whatever is true, whatever is noble, whatever is right, whatever is pure, whatever is lovely, whatever is admirable—if anything is excellent or praiseworthy—think about such things."• This verse provides a perfect framework for discussing the ethics of digital art. It challenges students to consider what they are creating. Are they designing things that are true, lovely, and admirable? This can be applied to designing a user-friendly interface, creating positive and uplifting visuals, or avoiding the creation of harmful or deceptive content	
How can parents support the curriculum?	<ul style="list-style-type: none">• Checking homework• Support with any programming questions	<ul style="list-style-type: none">• Checking homework• Support with any business questions	<ul style="list-style-type: none">• Checking homework• Support with any Cyber Security questions	<ul style="list-style-type: none">• Checking homework• Support with any Online Safety questions	<ul style="list-style-type: none">• Checking homework• Support with any graphics questions	