



Computing Long term Plan 22-23

Skills area Key: Some areas may be covered over the year as well.

Coding	Spreadsheets	E-safety	Art and Design	Music	Databases and Graphing	Word formatting and Presenting	Communication and networks.
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p>Strand: Computer Strand Science Computation thinking & Coding</p> <p>Topic: Robotic programming</p> <p>Program / App: Beebots</p> <p>Cross curricular: English - Instructions</p>	<p>Strand: Word Processing</p> <p>Topic: Touch typing</p> <p>Program / App: Typingclub.com</p> <p>Dance Mat typing</p> <p>Cross Curricular: English Grammar and Spelling</p>	<p>Strand: Multi-Media</p> <p>Topic: Imagineering</p> <p>Program / App: Paintz</p> <p>Cross curricular: Art: Work of Wassily Kandinsky and Piet Mondrain</p>	<p>Stand: Productivity</p> <p>Topic: Data detectives</p> <p>Program / App: Microsoft Word</p> <p>Cross curricular: Maths - Pictograms Science - Animal classification + Healthy eating.</p>	<p>Strand: Collaboration and Communication</p> <p>Topic: Zip it, lock it and password protect it.</p> <p>Program / App: Google Chrome, Safari, Office 365.</p> <p>Cross curricular: PSHE - Computer safety</p>	<p>Strand: Networks and Internet safety</p> <p>Topic: Digital Surfing</p> <p>Program / App: Google Chrome, Safari, Office 365.</p> <p>Cross curricular: PSHE - Computer safety</p>
	Coding, Spreadsheets	E-safety, Art and Design	Art and Design, Music	Databases and Graphing, Spreadsheets	E-safety, Word formatting and Presenting	Communication and networks, Word formatting and Presenting



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	<p>Strand: Computer Science Computation thinking & Coding Topic: Do as you're told. Program / App: Beebots + Rapid Router Cross curricular: English - Instructions</p>	<p>Strand: Word Processing Topic: Year 2 are typing... Program / App: Typingclub.com Dance Mat typing Cross Curricular: English Grammar and Spelling</p>	<p>Strand: Multi-Media Topic: Animaniacs Program / App: Toontastic Cross curricular: English (writing)- Storytelling,</p>	<p>Strand: Productivity Topic: Data tech interpretation Program / App: Microsoft Excel & Word Cross curricular: Maths (Statistics), PE (Sports times)</p>	<p>Strand: Collaboration and Communication Topic: Securing communications. Program / App: Google Chrome, Safari, Microsoft Teams. Cross curricular: PSHE - Bullying (Cyber)</p>	<p>Strand: Networks and E-safety Topic: Internet Danger Investigation Program / App: Google Chrome, Safari, Microsoft Teams Cross curricular: PSHE - Bullying (Cyber)</p>
	Coding	Art and Design	Music	Databases and Graphing	Word formatting and Presenting	Communication and networks.



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	<p>Computer Science Computation thinking & Coding Topic: Sprite Manipulation Program / App: Scratch Cross curricular: English - Instructions</p>	<p>Strand: Word Processing Topic: Qwerty Club Program / App: Typingclub.com Microsoft Word Cross Curricular: English Grammar and Spelling</p>	<p>Strand: Multi-Media Topic: Great Britain Program / App: Microsoft PowerPoint Cross curricular: British Values History- Famous British figures Geography- Great Britain</p>	<p>Strand: Productivity Topic: Data directors Program / App: Microsoft Excel Microsoft Word Cross curricular: Maths (Statistics), Science (Animal characteristics)</p>	<p>Strand: Collaboration and Communication Topic: Is anyone listening? Program / App: Google Chrome, Safari, Microsoft Teams, Office 365 Cross curricular: PSHE- Bullying (Cyber)</p>	<p>Strand: Networks and E-safety Topic: Internet risk awareness Program / App: Google Chrome, Safari, Microsoft Teams, Office 365 Cross curricular: PSHE- Healthy living (Screen time)</p>



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2						
Year 4	<p>Strand: Computer Science Computation thinking & Coding Topic: Computing programmers Program / App: Scratch Cross curricular: English - Instructions</p>	<p>Strand: Word Processing Topic: Type Together Program / App: Microsoft Word Office 365 Cross Curricular: English Grammar and Spelling</p>	<p>Strand: Multi-Media Topic: Stop the press Program / App: Book creator Cross curricular: MFL - French</p>	<p>Strand: Productivity Topic: Data Presenters Program / App: Microsoft Excel Cross curricular: English (Character descriptions / reading)</p>	<p>Strand: Collaboration and Communication Topic: Bloggers 'R' us Program / App: Google Chrome, Safari, Microsoft Teams, Office 365 Cross curricular: Writing - Blog writing.</p>	<p>Strand: Networks and E-safety Topic: Sneaky Internet users Program / App: Google Chrome, Safari, Microsoft Teams, Office 365 Cross curricular: PSHE- Health living (Screen time)</p>						



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Year 5	<p>Strand: Computer Science Computation thinking & Coding Topic: Micro-bit world Program / App: BBC Microbit Cross curricular: English - Instructions DT- Science- Circuits</p>	<p>Strand: Word Processing Topic: Type writers Program / App: Office 365 Cross Curricular: English Grammar and Spelling</p>	<p>Strand: Multi-Media Topic: And the Oscar goes to ... Program / App: IMovie + I can animate. Cross curricular: PSHE - Looking out for others</p>	<p>Strand: Productivity Topic: Young apprentices. Program / App: Microsoft Excel Cross curricular: Maths- Statistics PSHE- Enterprise.</p>	<p>Strand: Collaboration and Communication Topic: Clever Communicators Program / App: Google Chrome, Safari, Microsoft Teams, Office 365, Voice memos, Camera. Cross curricular: PSHE- Peer Pressure</p>	<p>Strand: Networks and E-safety Topic: Networking and danger awareness Program / App: Google Chrome, Safari, Microsoft Teams, Office 365 Cross curricular: Science - Circuits</p>	
	Coding	E-safety	Art and Design	Music	Databases and Graphing	Word formatting and Presenting	Communication and networks.



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6	<p>Stand: Computer Science Computation thinking (Y6 Binary code)</p> <p>Topic: Alexa, are you listening?</p> <p>Program / App: BBC Microbits + Office 365</p> <p>Cross curricular: English - Instructions</p>	<p>Strand: Word Processing</p> <p>Topic: 2 Type or not 2 Type</p> <p>Program / App: Office 365</p> <p>Cross Curricular: English Grammar and Spelling</p>	<p>Strand: Multi-Media</p> <p>Topic: Music Harmony</p> <p>Program / App: Garageband</p> <p>Cross curricular: Music (Composing music).</p>	<p>Strand: Productivity</p> <p>Topic: Excelling</p> <p>Program / App: Microsoft Excel</p> <p>Cross curricular: Business studies, Life skills & Maths - Statistics.</p>	<p>Strand: Collaboration and Communication</p> <p>Topic: Conference Callers</p> <p>Program / App: Google Chrome, Safari, Microsoft Teams, Office 365, Voice memos.</p> <p>Cross curricular: English (Formal letter / email writing),</p>	<p>Strand: Networks and E-safety</p> <p>Topic: Be Internet Legends</p> <p>Program / App: Google Chrome, Safari, Microsoft Teams, Office 365.</p> <p>Cross curricular: PSHE- Stealing</p>