

## Computing – Progression grid

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	<p>Programming 1 – CORE Move My Bee-Bot – 3 sessions</p>	<p>TIOL 1 – CORE Technology in my Life – 2 sessions</p> <p>TIOL 2 0 CORE Do I trust my internet Search? – 2/3 sessions</p>	<p>Programming: Block 1: Test my topic with Scratch</p> <p>Spark Video</p>	<p>Handling Data 1 CORE Investigating my Sounds – 3 sessions</p> <p>Spark video</p>		<p>Programming: Block 1: Test my topic with Scratch</p> <p>Block 4: Rock my Microbit!</p>
Spring	<p>TIOL 1 – CORE Discover my Technology – 2 sessions</p> <p>TIOL 2 – CHOICE Technology and my Toys – 3 sessions</p>	<p>Programming 2 – CHOICE Bee-Bots – programming</p> <p>Adobe video for descriptive instructions</p>	<p>TIOL 1 – CORE My Safe Searching – 3 sessions</p> <p>TIOL 3 – CHOICE Send my email – 3 sessions</p> <p>Spark page</p>	<p>Spark Page</p> <p>Programming 1 – CORE My Scratch Games – 5 sessions</p>		<p>Technology in our Lives: Block 1: Move my Information</p> <p>Block 2: Using my Information</p>
Summer	<p>Multimedia 3 – CHOICE Making my Animated People – 6 sessions</p> <p>Puppet Pals</p>	<p>Programming 4 – CHOICE Making my Moves with Scratch Junior – 4 sessions</p> <p>Green screen performance</p>	<p>Handling Data 1 – CORE Showing my Device Time – 3 sessions</p> <p>Green screen – moving images, audio</p>	<p>Green Screen</p> <p>TIOL 1 – CORE Check my Facts – 2 sessions Where is my Information? – 2 sessions</p>		<p>Multimedia: Block 1: Sell my School</p> <p>Block 2: Non-linear presentation</p>

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<p>Skills</p>	<p><b>Year 1</b></p> <p><b>Computers –</b> Recognise common uses of information technology in the home and school environment.</p> <p><b>Using Computer –</b> Use technology purposefully to create digital content.</p> <p><b>E-Safety –</b> Understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p> <p><b>Coding –</b> Predict the behaviour of simple programs. Understand what algorithms are and how they are implemented on digital devices.</p>	<p><b>Year 2</b></p> <p><b>Computers –</b> Recognise common uses of information technology beyond school.</p> <p><b>Using Computer –</b> Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p> <p><b>E-Safety –</b> Use technology safely and keep personal information private.</p> <p><b>Coding –</b> Use logical reasoning to predict the behaviour of simple programs. Create simple programs. Create and debug simple programs. Debug simple programs by using logical reasoning to predict the actions instructed by the code.</p>	<p><b>Year 3</b></p> <p><b>Computers –</b> Recognise familiar forms of input and output devices and how they are used. Make efficient use of familiar forms of input and output devices.</p> <p><b>Networks –</b> Understand that computer networks enable the sharing of data and information. Understand that the internet is a large network of computers and that information can be shared between computers.</p> <p><b>Using Computer –</b> With support select and use a variety of software to accomplish goals.</p> <p><b>E-Safety –</b> Use technology safely and respectfully, keeping personal information private. Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Net Searching –</b></p>	<p><b>Year 4</b></p> <p><b>Computers –</b> Recognise common uses of information technology in the home and school environment.</p> <p><b>Using Computer –</b> Use technology purposefully to create digital content. With support select, use and combine a variety of software on a range of digital devices to accomplish given goals.</p> <p><b>E-Safety –</b> Use technology responsibly and understand that communication online may be seen by others. Understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p> <p><b>Net Searching –</b> Understand how results are selected and ranked by search engines.</p> <p><b>Coding –</b> Decompose programs into smaller parts. Use logical reasoning to detect and correct errors in algorithms and programs.</p>	<p><b>Year 5</b></p> <p><b>Networks –</b> Begin to use internet services to share and transfer data to a third party.</p> <p><b>Using Computer –</b> Independently select and use appropriate software for a task. Independently select, use and combine a variety of software to design and create content for a given audience.</p> <p><b>E-Safety –</b> Understand the need to only select age appropriate content.</p> <p><b>Net Searching –</b> Use filters in search technologies effectively. Use filters in search technologies effectively and appreciates how results are selected and ranked.</p> <p><b>Coding –</b> Design, input and test an increasingly complex set of instructions to a program or device. Design, write and debug programs that accomplish specific goals, including</p>	<p><b>Year 6</b></p> <p><b>Networks –</b> Understand how computer networks enable computers to communicate and collaborate. Begin to use internet services with his/her own creations to share and transfer data to a third party.</p> <p><b>Using Computer –</b> Independently select, use and combine a variety of software to design and create content for a given audience, including collecting, analysing, evaluating and presenting data and information. Design and create a range of programs, systems and content for a given audience. Independently select, use and combine a variety of software to collect, analyse, evaluate and present data and information.</p> <p><b>E-Safety –</b> Use technology respectfully and responsibly. Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Net Searching –</b></p>
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