

Year 4

Term 1				
	Unit	Software	Outcome	Curriculum Link
Sep-Oct	<p>Digital Literacy: What is Computer Science?</p> <p>Computer Science: Build up a computer?</p> <p>Information Technology: Unit 4.4 We are historians. Then and Now databases</p>	<p>Website “CS is fun.com”</p> <p>Survey Monkey + Excel + WP</p>	<p>Database with historical and current demographic data and a written report, with appropriate illustrations</p>	<p>Literacy Non-Fiction- Information Texts</p>
Oct - Dec	<p>Computer Science:</p> <ul style="list-style-type: none"> • Use sequence, selection, and repetition in programs. • Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs. <p>Information Technology: Unit 4.5 We are artists.</p>	<p>Education City:</p> <ul style="list-style-type: none"> • Matching code to shapes. • Matching shapes to code. • Repeat loop. • Robomind. <p>Scratch</p>	<p>Geometric piece of art and a scratch program for drawing shapes.</p>	<p>Mathematics Properties of shapes. Position and direction.</p>

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Term 2				
	Unit	Software	Outcome	Curriculum Link
Jan - Feb	Information Technology: Unit 4.5 We are artists. Unit 4.2 We are meteorologists	Scratch, Inkscape. Digital data logging + Excel + PowerPoint	Geometric piece of art and a scratch program for drawing shapes. Spreadsheet of a range of weather data, including observations over an extended period of time; charts and graphs of weather data collected;	Maths Properties of shapes. Position and direction. Measures and problem solving. Interpret and present data using bar charts, pictograms and tables
Feb - Apr	Information Technology: Unit 4.2 We are meteorologists	Digital data logging + Excel + PowerPoint	TV-style weather presentation.	PSHE There's no 'I' in Team Team Work Relationships Co-operation

Term 3				
	Unit	Software	Outcome	Curriculum Link
Apr - Jun	Information Technology: Unit 4.1 We are coauthors. How to create digital audio. Unit 4.3 We are musicians.	PBworks, wiki tools Audacity, Muscore.	Class wiki and amended pages of Wikipedia. A piece of backing music to accompany work in another medium.	Humanities India Science Sound