

Computing – Cycle 2

Year 3 & 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<p><b>Computing networks: Collaborative learning</b></p> <p>Lesson 1: Teamwork Lesson 2: Sharing a document Lesson 3: Slide presentations Lesson 4: Google Forms Lesson 5: Shared spreadsheets</p>	<p><b>Creating websites: Media design</b></p> <p>Lesson 1: Getting to know Google Sites Lesson 2: Book review web page Lesson 3: Creating a web page Lesson 4: Planning my website Lesson 5: Creating my website</p>	<p><b>Skills showcase: HTML</b></p> <p>Lesson 1: What is HTML? Lesson 2: Remixing HTML Lesson 3: HTML unplugged Lesson 4: Website hacking Lesson 5: Replacing images</p>	<p><b>Programming: Scratch</b></p> <p>Lesson 1: Tinkering with Scratch Lesson 2: Storytelling in Scratch Lesson 3: Planning a remix Lesson 4: Remixing an animation Lesson 5: Evaluating an animation</p>	<p><b>Scratch Programming 2:</b></p> <p>Lesson 1: Teamwork Lesson 2: Sharing a document Lesson 3: Microsoft Forms 1 Lesson 4: Microsoft Forms 2 Lesson 5: Shared spreadsheets</p>	<p><b>Programming 2: Computational thinking</b></p> <p>Lesson 1: Decomposition and pattern recognition Lesson 2: Abstraction Lesson 3: Algorithm design Lesson 4: Computational thinking in action Lesson 5: Evaluating computational thinking</p>

Computing - Cycle 2

Year 5 & 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<p><b>Programming music</b></p> <p>Lesson 1: Tinkering with Scratch music elements</p> <p>Lesson 2: Scratch soundtracks</p> <p>Lesson 3: Planning a soundtrack</p> <p>Lesson 4: Programming a soundtrack</p> <p>Lesson 5: Evaluating a soundtrack</p>	<p><b>Mars Rover</b></p> <p>Lesson 1: Mars Rover</p> <p>Lesson 2: Binary code</p> <p>Lesson 3: Computer architecture</p> <p>Lesson 4: How computers store data using binary</p> <p>Lesson 5: Using binary – text</p>	<p><b>Stop motion animation</b></p> <p>Lesson 1: Animation explored</p> <p>Lesson 2: Exploring stop-motion</p> <p>Lesson 3: Planning my stop-motion project</p> <p>Lesson 4: Stop motion creation</p> <p>Lesson 5: Editing my stop-motion project</p>	<p><b>Search engines</b></p> <p>Lesson 1: Searching basics</p> <p>Lesson 2: Inaccurate information</p> <p>Lesson 3: Web quest</p> <p>Lesson 4: Information poster</p> <p>Lesson 5: Web crawlers</p>	<p><b>Microbits</b></p> <p>Lesson 1: Tinkering with BBC micro:bit</p> <p>Lesson 2: Programming an animation</p> <p>Lesson 3: Programming a pedometer</p> <p>Lesson 4: Using the temperature sensor</p> <p>Lesson 5: Debug and evaluate</p>	<p><b>Mars Rover 2</b></p> <p>Lesson 1: Pixels</p> <p>Lesson 2: Compressing images</p> <p>Lesson 3: Fetch-Decode-Execute cycle</p> <p>Lesson 4: Tinkering with CAD</p> <p>Lesson 5: Tinkercad design</p>