

Computing

	Autumn	Spring	Summer
Reception	Computing and networks 1 Using a computer	Programming 1: <i>All about instructions</i> Computing systems and networks 2 <i>Exploring hardware</i>	Programming 2 <i>Programming Bee-Bots</i> Data handling <i>-Introduction to Data</i>
Year 1	Computing systems and networks <i>-Improving mouse skills</i> Programming 1 <i>-Algorithms unplugged</i>	Skills Showcase <i>-Rocket to the moon</i> Programming 2 <i>-Beebots</i>	Creating media <i>-Digital imagery</i> Data handling <i>-Introduction to data</i>
Year 2	Computing systems and networks 1 <i>-What is a computer?</i> Programming 1 <i>-Algorithms and debugging</i>	Computing systems and networks 2 <i>-Word processing</i> Programming 2 <i>-Programming Scratch Jr</i>	Creating media <i>-Stop motion using cameras</i> Data handling <i>-International Space Station</i>
Year 3	Computing systems and networks 1 <i>-Networks</i> Programming <i>-Programming scratch</i>	Computing systems and networks 2 <i>-Emailing</i> Computing systems and networks 3 <i>-Journey inside a computer</i>	Creating media <i>-Video trailers</i> Data handling <i>-Comparison cards databases</i>
Year 4	Computing systems and networks <i>-Microsoft office 365</i> Programming 1 <i>-Scratch</i>	Creating media <i>- Website design</i> Skills showcase <i>-HTML</i>	Programming 2 <i>-Computational thinking</i> Data handling <i>-Investigating weather</i>
Year 5	Computing systems and networks <i>-Search engines</i> Programming 1 <i>-Scratch</i>	Data handling <i>-Mars Rover 1</i> Programming 2 <i>-Micro:bit</i>	Creating media <i>-Stop motion animation using cameras</i> Skills showcase <i>-Mars Rover 2</i>
Year 6	Computing systems and networks <i>-Bletchley Park</i> Programming <i>-Intro to Python</i>	Data handling <i>-Big data 1</i> Creating media <i>-History of computers</i>	Data handling <i>-Big data 2</i> Skills showcase <i>-Inventing a product</i>