

St Catherine's Computing Curriculum Overview

Digital literacy Information Technology Computer Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Computing systems and networks Using a computer		Programming Instructions	Computing systems and networks Exploring hardware	Programming Bee Bots	Data handling Introduction to data
Year 1	Computing systems and networks Improve mouse skills	Programming Commands Unplugged	Skills showcase Rocket to the moon	Programming Bee-Bots	Creating Media Digital imagery	Data Handling Introduction to data
Year 2	Computer systems and networks What is a computer?	Programming Algorithms and De-bugging	Computer systems and networks Word processing	Programming Scratch Jnr	Creating media Stop motion	Data Handling International Space station
Year 3	Computer systems and networks Networks	Programming Scratch	Computing Systems Office 365 Word and PowerPoint	Computing Systems and networks Journey inside a computer	Video trailers Using iPads	Data Handling Comparison Cards data basis
Year 4	Computing systems and networks Microsoft office 365	Programming Coding with scratch	Microsoft office 365 Creating media Website design	Skills showcase HTML	Programming Computational thinking	Data handling Investigating weather
Year 5	Search engines How to accurately use a search engine	Programming Music	Data handling Mars rover 1	Programming Microbits	Stop motion Animation with cameras	Skills showcase Mars rover 2
Year 6	Computing systems and networks Bletchley Park and the history of computers	Computing systems and networks Exploring AI	Data handling How data is transported via barcodes?	Programming Exploring python	Data Handling Investigating how data is transferred.	Skills showcase Inventing a product