St Michael's CE Primary School

Computing Curriculum Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	**Computing systems & networks 1:** Using a computer	**Computing systems & networks:** Using a computer	**Programming 1:** All about instructions	**Computing systems & networks 2:** Exploring hardware	**Programming 2:** Programming Bee Bots	**Data Handling:** Introduction to data
Year 1 & 2 Cycle A	**Computing systems & networks:** Improving mouse skills	**Programming 1:** Algorithms unplugged	**Skills showcase:** Rocket to the moon	**Programming 2:** Bee Bots	**Creating media:** Digital imagery	**Online safety**
Year 1 & 2 Cycle B	**Computing systems & networks 1:** What is a computer?	**Programming 1:** Algorithms and debugging	**Computer systems & networks 2:** Word processing	**Programming 2:** Scratch Jr	**Creating media:** Stop motion	**Online safety**
Year 3 & 4 Cycle A	**Computing systems & networks 1:** Networks and the internet	**Programming:** Scratch	**Computing systems & networks 2:** Emailing	**Computer systems & networks 3**: Journey inside a computer	**Creating media:** Video trailers	**Online safety**
Year 3 & 4 Cycle B	**Computing systems & networks:** Collaborative learning	**Programming 1:** Further coding with Scratch	**Creating media:** Website design	**Skills showcase:** HTML	**Programming 2:** Computational thinking	**Online safety**
Year 5 & 6 Cycle A	**Computing systems & networks:** Bletchley Park	**Programming:** Introduction to Python	**Data Handling 1:** Big Data 1	**Creating media:** History of computers	**Data Handling 2:** Big data 2	**Online safety**
Year 5 & 6 Cycle B	**Computing systems & networks:** Search engines	**Programming 1:** Music	**Data Handling 1:** Mars Rover 1	**Programming 2:** Microbit	**Creating media:** Stop motion animation	**Online Safety**