

Computing Statement of Intent

“I think it's fair to say that personal computers have become the most empowering tool we've ever created. They're tools of communication, they're tools of creativity, and they can be shaped by their user.”

- Bill Gates

“Everybody should learn to program a computer, because it teaches you how to think.”

- Steve Jobs

Technology is changing the lives of everyone. Through teaching computing, we equip our children to participate and stay safe in a rapidly changing world where work and leisure activities are increasingly transformed by technology. It is our intention to enable children to find, explore, analyse, exchange and present information. We also focus on developing the skills necessary for children to be able to use information in an effective, safe way. Computing skills are a major factor in enabling children to be confident, creative and independent learners and it is our intention that children have every opportunity available to allow them to achieve this.

Computing Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Safety in technology Digital Writing		Moving a robot – Bee Bots	Scratch Jr animation	Digital Painting	Grouping Data
Year 2	Safety in technology IT all around us Digital Photos		Robot Algorithms	Scratch Jr animation	Making Music	Pictograms
Year 3	Safety in technology Word processing	Scratch Introduction	Scratch Maze	Structuring Data	Structuring Data	Animation
Year 4	Safety in technology Photo editing	Computing networks	Repetition in games	Repetition in shapes	Audio production	
Year 5	Safety in technology Slideshows	Scratch coding	Create and improve a quiz game – Scratch	Creating websites	Vector Drawing	
Year 6	Safety in technology Spreadsheets	Variables in games	Sensing – Microbit Python		Video editing – Leavers production	