

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 Overview

Year Group	Autumn	Spring	Summer	Fit where can
1	Online Safety Grouping & sorting	Pictograms Maze Explorers	Coding Spreadsheets	Animated stories Making music LEGO explorers
2	Online Safety Coding	Spreadsheets Questioning	Effective searching Creating Pics	Making music Presenting ideas
3	Online Safety Coding	Spreadsheets Typing	Email Branching Databases	Simulations Graphing
4	Online Safety Coding	Spreadsheets Writing for diff audiences	Logo Animation	Effective searching Hardware investigators
5	Online Safety Coding	Spreadsheets Databases	Game Creator 3d modelling	Concept Maps
6	Online Safety Coding	Spreadsheets Blogging	Text Adventures Networks	Quizzing Binary