



St. Mark's CE Primary School



Computing

Long-Term Plan 2023-2024

Progression in Computing: Long-Term Plan



ORCHARD
—Community Trust—



This Long-Term Plan is adapted from National Centre for Computing Education, under the Open Government Licence ([nccce.io/ogl](https://www.nccce.io/ogl))

- Units are progressive from Year 1 to Year 6, in alignment with the National Curriculum and NCCE.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Online Safety Ongoing focus throughout the year – integrated within each unite as described on Medium Term Planning using the Project Evolve outcomes included in the Computing Progression Map, with specific focus during Safer Internet Week.					
Year 1	Technology around us	Digital Painting	Digital Writing	Grouping data	Moving a robot	Animation
Year 2	Information technology around us	Digital photography	Making music	Pictograms	Robot algorithms	Programming quizzes
Year 3	Connecting computers	Stop-frame animation	Desktop publishing	Branching databases	Sequencing sounds	Events and actions in programs
Year 4	The Internet	Audio production	Photo editing	Data Logging	Repetition in shapes	Repetition in games
Year 5	Computing systems and networks	Vector drawing	Video production	Flat-file databases	Selection in physical computing	Selection in quizzes
Year 6	Communication and collaboration	3D Modelling	Web page creation	Introduction to spreadsheets	Variables in games	Sensing