Vernon Primary School
Computing Long Term Map

	Autumn	**Spring**	**Summer**
EYFS	Continuous provision: Bee Bots, Ipads, Smartboard to support cross curricular links, sound buttons, Green Screen, Project Evolve	Continuous provision: Bee Bots, Ipads, Smartboard to support cross curricular links, sound buttons, Green Screen, Safer Internet Day, Project Evolve	Continuous provision: Bee Bots, Ipads, Smartboard to support cross curricular links, sound buttons, Green Screen, Chromebooks for transition, Project Evolve
Year 1	Computing systems and networks – Technology around us Creating media – Digital painting	Creating media – Digital writing Data and information – Grouping data	Programming A – Moving a robot Programming B – Programming animations
Year 2	Computing systems and networks – Information technology around us Creating media – Digital photography	Creating media – Making music Data and information - Pictograms	Programming A – Robot algorithms Programming B – Programming quizzes
Year 3	Computing Systems and network – Connecting computers Creating media – Desktop publishing	Creating media – Animation Data and information – Branching databases	Programming A – Sequence in music Programming B – Events and actions
Year 4	Computing systems and network – The internet Creating media – Audio editing	Creating media – photo editing Data and information – Data logging	Programming A – Repetition in shapes Programming B – Repetition in games
Year 5	Computing systems and networks – systems and searching Creating media – Introduction to vector graphics	Creating media – Video production Data and information – Flat-file databases	Programming A – Selection in physical computing with Microbits Programming B – Selection in quizzes
Year 6	Computing systems and networks – Communication and collaboration Creating media – 3D modelling (including DT objectives)	Creating media – Webpage creation Data and information - Spreadsheets	Programming A – Variables in games Programming B - Sensing

Curriculum Values		
Creativity & Curiosity	**Independence**	**Respect & Cooperation**

'Nobody else is quite like me'