Holy Trinity Church of England Primary School

To be the best we can be: for God, for others and for ourselves

Computing Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Simple operation of iPads SMART Rules	QR codes for games/stories	Old/New Technology Online Safety – Smartie the penguin	Programmable Toys	Exploring ICT for different purposes SMART Rules	Logging into Purple Mash
Year 1	**Lego Builders** (To follow and create simple instructions on the computer and consider how they affect the result)		**Animated Story Books** (To add animation and sound to a story)		**Coding** (To use code blocks to make the character perform actions)	**Technology Outside School** (To find examples of where technology is used in the local community)
Year 2	**Coding** (To use the repeat and timer command)		**Spreadsheets** (To use 2Calculate image, lock, move cell, speak and count tools to make a counting machine)		**Effective Searching** (To gain a better understanding of searching the internet)	
Year 3	**Coding** (To understand and use variables in 2Code)		**Email** (To open and respond to an email and to add an attachment to an email)		**Branching Databases** (To create a branching database using 2Question)	
Year 4	**Coding** (To learn about and use computational thinking terms decomposition and abstractions)		**Online Safety** (To know that information online leaves a digital footprint or trail)		**Effective Searching** (To use search effectively to find information and to assess whether an information source is true and reliable)	
Year 5	**Coding** (To explore string and text variable types so that the most appropriate can be used in programs)		**Game Creator** (To create, share and evaluate a game quest)		**Modelling** (To be introduced to 2Design & Make and the skills of computer aided design)	
Year 6	**Coding** (To use functions and tabs in 2Code to improve the quality of the code)		**Blogging** (To identify the purposes of writing a blog and its key features)			**Networks** (To learn about what the internet consists of and to think about what the future might hold)