"At St Michael's, we believe that high-quality computing lessons and online safety provision will equip children to harness technology in a safe, purposeful and creative way as computer users."

	Reception	Year 1	Year 2	Year 3	Year 4
Algorithms and Programming	Select and use technology for particular purposes.	I can create a series of instructions. I can plan a journey for a programmable toy.	I can use a range of instructions (e.g. direction, angles, turns). I can test and amend a set of instructions. I can find errors and amend. (debug) I can write a simple program and test it. I can predict what the outcome of a simple program will be (logical reasoning). I understand that algorithms are used on digital devices. I understand that programs require precise instructions.	I can design a sequence of instructions, including directional instructions. I can write programs that accomplish specific goals. I can work with various forms of input. I can work with various forms of output.	I can experiment with variables to control models. I can give an on-screen robot specific instructions that takes them from A to B. I can make an accurate prediction and explain why I believe something will happen (linked to programming). I can de-bug a program.
Information Technology	Uses ICT hardware to interact with age-appropriate computer software.	I can create digital content. I can store digital content. I can retrieve digital content. I can use a website. I can use a camera.	I can organise digital content. I can retrieve and manipulate digital content. I can navigate the web to complete simple searches.	I can use a range of software for similar purposes. I can collect information. I can design and create content.	I can select and use software to accomplish given goals. I can collect and present data. I can produce and upload a podcast.

			I record sound and play back.		I can present information. I can search for information on the web in different ways. I can manipulate and improve digital images.	
Digital Literacy	Recognise that a range of technology is used in places such as homes & schools.	I can use technology safely. I can keep personal information private.	I can use technology respectfully. I know where to go for help if I am concerned. I know how technology is used in school and outside of school.	I can use technology respectfully and responsibly. I know different ways I can get help if I am concerned. I understand what computer networks do and how they provide multiple services. I can discern where it is best to use technology and where it adds little or no value.	I can recognise acceptable and unacceptable behaviour using technology.