



At St Christopher's Primary School, we are committed to providing our children with a curriculum that has a clear intention and impacts positively upon their needs.

Curriculum statement for the teaching and learning of Computing

INTENT	The St. Christopher's Primary School computing provision aims to equip our children to participate 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 in a safe, responsible and respectful manner. We focus on developing the skills necessary for children to be able to use information in a discriminating and effective way. Our computing curriculum, with our more recent emphasis on programming, enables children to develop their problem solving and reasoning abilities. It enables children to understand and apply the essential principles and concepts of Computer Science. Computing skills are a major factor in enabling children to be			
Underpinned By	The teaching of skills	The application of skills	Vocabulary	Online Safety
	St. Christopher's pupils will be taught how to use a range of computer software, including spreadsheets, databases, email systems, word processing, multimedia presentations, app development, control programming and coding.	St. Christopher's pupils apply the computing skills and knowledge that they have been taught to support their learning in other curriculum subjects.	St. Christopher's pupils will understand and use appropriate topic vocabulary, including that associated with programming, e.g. algorithm, debug, input, output and variable.	St. Christopher's pupils learn how to use the internet safely. Online safety is taught in computing lessons and on Internet Safety Day.

IMPLEMENTATION	High Quality Teaching We provide direct instruction on how to use software and hardware, whilst also providing opportunities for children to apply these skills.	External Stimuli Children from Early Years through to Year 6 are taught about how technology is used in the outside world, and in the workplace.	EYFS In the Early Years Foundation Stage, we relate the computing aspects of the children's work to the objectives set out in the Early Learning Goals (ELGs). Children are provided with the opportunity to use computers and Bee Bots. The children gain confidence and start using the computer to find information and use it to communicate in a variety of ways.
	Weekly Timetabled Approach To ensure that the children have the opportunities Embrace new technology we use Key Chain Computing. This has been scheme has designed to build upon skills taught and allow children to work at greater depth and towards an end goal.	Thoughtful Questioning That encourages deeper thinking and reasoning.	
		School Network Shared Folders Allowing children to share their work with their teachers and others.	
	Assessment Takes place through - informal judgements by staff during lessons -formal checklists, verbal feedback - pupil and peer assessments. At the end of a unit of work teachers make a summary judgement about the work of each pupil in relation to the success criteria outlined at the beginning of the unit of work, and records these judgements termly. All computing work is stored in individual children's files on the school drive or paper materials are stored in individual pupil folders.	Internet Safety Day Assemblies Teach children and their parents about online safety. Teachers are aware of the importance of online safety, Children are taught the rules of online safety, and are taught the skills and knowledge that they may need to keep themselves safe online. At the end of each year, pupils have developed their computing skills, and have gained a new understanding of online safety issues and how to keep themselves safe online	Resources Children have access to programmable toys, iPads, digital cameras, tablets, PCs and laptops to allow them to have more opportunities to develop and apply their ICT skills.

PUPIL VOICE

Through discussion and feedback, children talk enthusiastically about their computing lessons and speak about how they love learning on the computer. Children across the school articulate well about the potential risks of being online, and can talk about ways to keep safe.

EVIDENCE IN KNOWLEDGE

Pupils know how and why technology is used in the outside world, and in the workplace. They know about different ways that computers can be used.

EVIDENCE IN SKILLS

Pupils use acquired vocabulary in computing, including coding, lessons. They have the skills to use technology independently, for example accessing age-appropriate software and games in EYFS and using a range of computer software in KS1 and KS2.

BREADTH AND DEPTH

Teachers plan a range of opportunities to use computer technology.