

Computing at St Andrew's Primary School

Whole school Learning Links Theme	How can technology help us in an everchanging modern world?		
Key Curriculum Drivers	Knowledge	Aspirations and Possibilities	Wellbeing
Year 1	Study 1	Study 2	Continuous provision
Statutory Focus	*recognise common uses of information technology beyond school	*use logical reasoning to predict the behaviour of simple programs	*use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies
Title	Technology and Me	Mouse Bots	E-Safety
Year 2			
Statutory Focus	*use technology purposefully to create, organise, store, manipulate and retrieve digital content	*understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions *create and debug simple programs	*use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies
Title	Creating with Technology	Scratch	E-Safety
Year 3			
Statutory Focus	*design, write and debug programs to solve problems by decomposing them into smaller parts	*understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration	*use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact
Title	Microbits	Internet	E-Safety
Year 4			
Statutory Focus	*use sequence, selection, and repetition in programs *explain how some simple algorithms work and to detect and correct errors in algorithms and programs	*select and use a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including and presenting data and information	*use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

Title	Mousebots to Scratch	Word	E-Safety
Year 5			
Statutory Focus	*design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts	*understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration	*use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact
Title	Microbits	Internet	E-Safety
Year 6			
Statutory Focus	*use sequence, selection, and repetition in programs; work with variables and various forms of input and output *use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs	*select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	*use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact
Title	Microbits	Spreadsheets	E-Safety