

Computing		Reception	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
What a wonderful world!	Autumn One	<u>Digital Literacy</u>	<u>Digital Literacy</u>	<u>Digital Literacy</u>	<u>Digital Literacy</u>	<u>Digital Literacy</u>	<u>Digital Literacy</u>	<u>Digital Literacy</u>
		Use technology safely and respectfully.	Use technology safely and respectfully, keeping personal information private.	Identify where to go for help and support when they have concerns about content or	Recognise acceptable/unacceptable behaviour.	Identify a range of ways to report concerns about content and contact.	Use technology safely, respectfully and responsibly.	Use technology safely, respectfully and responsibly.

	Autumn Two			contact on the internet or other online technologies.				
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A journey through time	Spring One	<u>Computer Science</u>	<u>Computer science</u>	<u>Computer Science</u>	<u>Computer Science</u>	<u>Computer Science</u>	<u>Computer Science</u>	<u>Computer science</u>
	Spring Two	Understand that programs execute by following precise instructions.	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 logical reasoning to predict the behaviour of simple programs.	Use logical reasoning to explain how some simple algorithms work.	To detect and correct errors in algorithms and programs.	Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.	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.
<b>Staying alive.</b>	<b>Summer One</b>	<u>Information technology</u>  Use technology purposefully.	<u>Information technology</u>  Use technology purposefully to create, organise, store, manipulate and retrieve	<u>Information Technology</u>  Recognise common uses of information technology beyond school.	<u>Information Technology</u>  Understand computer networks including the internet; how they can provide multiple services, such	<u>Information Technology</u>  Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in	<u>Information Technology</u>  Select, use and combine a variety of software (including internet services) on a range of digital	<u>Information Technology</u>  Design, write and debug programs that accomplish specific goals, including controlling or simulating

	<b>Summer Two</b>		digital content.		as the world wide web; and the opportunities they offer for communication and collaboration.	evaluating digital content.	devices to design and create a range of programs, systems and content that accomplish given goals.	physical systems; solve problems by decomposing them into smaller parts.
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