



**GOATHLAND PRIMARY SCHOOL
END OF YEAR EXPECTATIONS
COMPUTING**



	EYFS		YEAR 1		YEAR 2		YEAR 3	
Computer Science	Uses ICT hardware to interact with age-appropriate computer software.		Coding I know an algorithm is a set of instructions that tells a computer exactly what to do.		Coding I understand what algorithms are and that programs follow precise instructions.		Coding I can design, write and debug programs using 2Code.	
			I can create a simple algorithm using code blocks using 2Code.		I can create and debug simple programs using 2Code.		I can sequence, selection and repetition in programs use 2Code.	
					I can predict what will happen in my algorithm.		I can explain how some simple algorithms work.	
							I can identify an error within my code and then fix it.	
Information Technology	Information Technology Complete a simple program on electronic devices.		Animated Stories I can use a mouse to create a picture on 2Create.		Effective Searching I can use a search engine e.g. Kiddle.		Spreadsheets, Databases, Graphing I can present data and information using a selection of software. E.g. 2Graph	
	Can create content such as a video recording, stories, and/or draw a picture on screen.		I can add animation and sound to my picture.		Presenting Ideas I can add an image to my work.		I can save my work.	
			Spreadsheets I can sort and edit information in my spreadsheet.		Spreadsheets, Databases, Creating Pictures I can use a range of software to organise, search, create media and data.		Email I can attach content to an email.	
Digital Literacy	Digital Literacy Develops digital literacy skills by being able to access, understand and interact with a range of technologies.		Online Safety I know how to keep ourselves safe online – e.g. keeping passwords safe.		Online Safety I know how to keep ourselves safe online – e.g. keeping passwords safe, keeping some information private, internet safety motto.		Online Safety I know how to keep ourselves safe online – e.g. keeping passwords safe, keeping some information private, internet safety motto.	



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	Can use the internet with adult supervision to find and retrieve information of interest to them.				I can recognise acceptable/unacceptable behaviour;	
		I know who to tell if I see something upsetting online. (trusted adult)		I know who to tell if I see something upsetting online. (trusted adult)		I know how to report concerns about content and contact. (Internet safety motto)



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	YEAR 4		YEAR 5		YEAR 6	
Computer Science	Coding I can design, write and debug programs.		Coding I can design, write and debug programs that accomplish specific goals e.g. timer/if else statements.		Coding I can design, write and debug programs that accomplish specific goals e.g. timer/if else statements. I can solve problems by breaking them into smaller parts.	
	I can explain how some simple algorithms work and to detect errors.		I can use sequence, selection and repetition in programs. I know variables change will the program is running.		I can use sequence, selection and repetition in programs. I know variables change will the program is running.	
			I can explain how some simple algorithms work and I can debug algorithms.		I can explain how some simple algorithms work and I can debug algorithms.	
	Networks I can explain what the internet is and what it is used for.				Networks I can 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.	
Information Technology	Effective Searching I can use search technologies effectively, appreciate how results are selected and ranked.		3D Modelling I can design, create and print a 3D model to fit a design brief.		Quizzing, Blogging I can think about the audience when designing and creating digital content.	
	Animation I can use 2Animate to create my own animation.		Spreadsheets, Databases, Concept Maps I can collect, analyse, evaluate and present data and information.		Spreadsheets I can collect, analyse, evaluate and present data and information.	
	Hardware Investigators I can name some parts that make up a computer.				Binary I know that digital systems represent data by using number code patterns made from 0s and 1s.	



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Digital Literacy	Online Safety I can use technology safely, respectfully and responsibly.		Online Safety I can use technology safely, respectfully and responsibly.		Online Safety I can use technology safely, respectfully and responsibly.	
	I can recognise acceptable/unacceptable behaviour.		I can recognise acceptable/unacceptable behaviour.		I can recognise acceptable/unacceptable behaviour.	
	I know how to report concerns about content and who to contact. (Internet safety motto)		I know how to report concerns about content and who to contact. (Internet safety motto)		I know how to report concerns about content and who to contact. (Internet safety motto)	