



'Learning to Succeed'			"Learning to Succeed
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 Complete a simple program on electron 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.
	Technology Around Us I can name technology in school and at home e.g. camera, iPad, phone.		
ΔΗΤΗΜΝ		PRING	SUMMER

	AUTUMN	AUTUMN SPRING				SUMMER		
BELOW	EXP	ABOVE	BELOW	EXP	ABOVE	BELOW	EXP	ABOVE
%	%	%	%	%	%	%	%	%





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.
Can use the internet with adult supervision to find and retrieve information of interest to them.			l 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)

Computer Science

Information Technology

Digital Literacy

	AUTUMN		SPRING SUMMER					
BELOW	EXP	ABOVE	BELOW	EXP	ABOVE	BELOW	EXP	ABOVE
%	%	%	%	%	%	%	%	%





'Learning to Succeed'	aming to Succeed Les								
YEAR 4		Y	(EAR 5			Y	EAR 6		
Coding I can design, write and debug programs.	that accom	I can design, write and debug programs that accomplish specific goals e.g. timer/if else statements.				Coding I can design, write that accomplish s else statements. I can solve proble into smaller parts.	ner/if		
I can explain how some simple algorithms work and to detect errors.	repetition in	I can use sequence, selection and repetition in programs. I know variables change will the program is running.			I can use sequent repetition in progr change will the pr	les			
			some simple algorit oug algorithms.	hms		I can explain how algorithms work a algorithms.			
Networks I can explain what the internet is and what it is used for.						including the Inter provide multiple s	computer networks, met; how they can ervices, such as the and the opportuniti munication and		
Effective Searching I can use search technologies effectively, appreciate how results are selected and ranked.	I can desigr	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.	Maps I can collec	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.						systems represent code patterns made			
AUTUMN		SPRING				SUMMER			
BELOW EXP ABOV	/E BELOW	/	EXP	A	BOVE	BELOW	EXP	ABOVE	
% %	%	<u> </u>			%				





Online Safety	Online Safety	Online Safety
I can use technology safely, respectfully and	I can use technology safely, respectfully	I can use technology safely, respectfully
responsibly.	and responsibly.	and responsibly.
l can recognise acceptable/unacceptable	l can recognise acceptable/unacceptable	l can recognise acceptable/unacceptable
behaviour.	behaviour.	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)

	AUTUMN		SPRING SUMMER					
BELOW	EXP	ABOVE	BELOW	EXP	ABOVE	BELOW	EXP	ABOVE
%	%	%	%	%	%	%	%	%