Computing Curriculum Year 1

AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
COMPUTING SYSTEMS	CREATING MEDIA	PROGRAMMING A	DATA AND	CREATING MEDIA	PROGRAMMING B
AND NETWORKS			INFORMATION		
Technology around us	Digital painting	Moving a robot	Grouping	Digital writing	Programming animations
Recognising technology	Choosing appropriate	Writing short	data	Using a computer to	Designing and
in school and using	tools in a program	algorithms and	Exploring object labels,	create and format text,	programming the
it responsibly.	to create art, and	programs for floor robots,	then using them to sort	before comparing to	movement of a character
	making comparisons	and predicting	and group objects by	writing non-digitally.	on screen to tell stories.
	with working	program outcomes.	properties.		
	non-digitally				
NC Objectives covered:	NC Objectives covered:	NC Objectives covered:	NC Objectives covered:	NC Objectives covered:	NC Objectives covered:
Use technology	Use technology	Understand what	Use technology	Use technology	Understand what
purposefully to create,	purposefully to create,	algorithms are, how they	purposefully to create,	purposefully to create,	algorithms are, how they
organise, store,	organise, store,	are implemented as	organise, store,	organise, store,	are implemented as
manipulate, and retrieve	manipulate, and retrieve	programs on digital	manipulate, and retrieve	manipulate, and retrieve	programs on digital
digital content;	digital content.	devices, and that	digital content;	digital content;	devices, and that
Recognise common uses		programs execute by	Use technology safely and	Use technology safely and	programs execute by
of information		following precise and	respectfully, keeping	respectfully, keeping	following precise and
technology beyond		unambiguous	personal information	personal information	unambiguous
school;		instructions;	private; identify where to	private; identify where to	instructions;
Use technology safely and		Create and debug simple	go for help and support	go for help and support	Create and debug simple
respectfully, keeping		programs;	when they have concerns	when they have concerns	programs;
personal information		Use logical reasoning to	about content or contact	about content or contact	Use logical reasoning to
private; identify where to		predict the behaviour of	on the internet or other	on the internet or other	predict the behaviour of
go for help and support		simple programs;	online technologies.	online technologies.	simple programs;
when they have concerns		Recognise common uses			Recognise common uses
about content or contact		of information			of information
on the internet or other		technology beyond			technology beyond
online technologies.		school.			school.