Computing Curriculum Year 2

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		
Information technology	Digital photography	Robot algorithms	Pictograms	Making music	Programming quizzes
around us	Capturing and changing	Creating and debugging	Collecting data in tally	Using a computer as a	Designing algorithms
Identifying IT and how	digital	programs, and using	charts and using	tool to explore rhythms	and programs that use
Its responsible use	photographs for	logical reasoning to make	attributes to organise	and melodies, before	events to trigger
improves our world in	different purposes.	predictions.	and present data on a	creating a musical	sequences of code to
school and beyond.			computer.	composition.	make an interactive quiz.
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	recognise common uses	programs execute by	use technology safely and		programs execute by
of information	of information	following precise and	respectfully, keeping		following precise and
technology beyond	technology beyond	unambiguous	personal information		unambiguous
school;	school;	instructions;	private; identify where to		instructions;
use technology safely and	use technology safely and	create and debug simple	go for help and support		create and debug simple
respectfully, keeping	respectfully, keeping	programs;	when they have concerns		programs;
personal information	personal information	use logical reasoning to	about material on the		use logical reasoning to
private; identify where to	private; identify where to	predict the behaviour of	internet or other online		predict the behaviour of
go for help and support	go for help and support	simple programs;	technologies.		simple programs;
when they have concerns	when they have concerns	use technology safely and			use technology
about material on the	about material on the	respectfully, keeping			purposefully to create,
internet or other online	internet or other online	personal information			organise, store,
technologies.	technologies.	private; identify where to			manipulate and retrieve
		go for help and support			digital content;
		when they have concerns			
		about material on the			
		internet or other online			
		technologies.			