

Nursery

Use of technology in provision - telephones, microwaves, microphones, oven, hob, timer, music players, tv, cameras, clocks, magnifying mirror, scales, DIY tools,

Purple Mash - use of mini mash throughout the year - e.g., sounds, music (purple mash early computing skills)

Reception

Autumn 1 One unplugged activity - Barefoot computing Mini mash activity - Simple city (Vocab)	Autumn 2 One unplugged activity - Barefoot computing Mini mash activity - Games (jigsaws/pairs)
Spring 1 One unplugged activity - Barefoot computing Mini mash activities - Numbers/ reading and writing	Spring 2 One unplugged activity - Barefoot computing Mini mash activities - Numbers/ reading and writing
Summer 1 One unplugged activity - Barefoot computing Purple Mash - drawing skills (See Drawing Skills unit for example activities.)	Summer 2 One unplugged activity - Barefoot computing Purple Mash - Keyboard Skills (see keyboard skills unit for example activities)

KS1 Computing Curriculum

Computer Science

*(computational thinking,
programming/coding)*

Information Technology

*(applying to the real world, wide range of
apps and software)*

Digital Literacy

(use and express themselves safely online)

A- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions

B- create and debug simple programs

C- use logical reasoning to predict the behaviour of simple programs

D- use technology purposefully to create, organise, store, manipulate and retrieve digital content

E- recognise common uses of information technology beyond school

F- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies

		Our School	Place Where I Live	Explorers	Wonderful world	Toys through Time	Buckets and Spades
Cycle		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
A	CS				Pm coding ABC		Fake bots/ bee bots ABC roamers unplugged human robots/algorithms
	IT	Computing systems and networks DE (Teach computing unit)	Creating media - digital writing D (Teach computing unit)	Painting D (Purple Mash)		Power Point D	
	DL	Privacy and Security F School AUP	Online Bullying (PSHE) F Self-image and Identity F	Managing Online Information F	Health, Wellbeing and Lifestyle F	Online Relationships F Online Reputation F (PSHE)	Copyright and Ownership F
		Family Album	Hot and Cold Climates	Celebrating China	Mighty Monarchs	Great Outdoors	Fabulous Flight
Cycle		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
B	CS				Code.org/Pm coding ABC		Fake bots/ bee bots ABC
	IT	Computing systems and networks DE (Teach computing unit)	Creating media - digital writing D (Teach computing unit)	Animation D (Purple Mash)		Data Handling D Music (Purple Mash)	
	DL	Privacy and Security F School AUP	Online Bullying (PSHE) F Self-image and Identity F	Managing Online Information F	Health, Wellbeing and Lifestyle F	Online Relationships F Online Reputation F (PSHE)	Copyright and Ownership F

