Computing Long Term Plan – Purple Mash: Mixed-Age Planning

Phase 1 = Cycle A **Phase 2 = Cycle B**

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS		In Early years the children have access to various technology in the classroom including; microphones, CD players, voice recorders, the interactive whiteboard to play games on Mini Mash and Busy Things. **Nursery** - Children will explore how to use a Beebot. **Reception** - Children will get to know how to use the interactive whiteboard. - Children will learn to play games and draw on the interactive whiteboard. - Children will explore how to use Beebots. - Children will programme Beebots to go backwards and forwards. - In the summer term, children will learn how to log on and off of a computer.					
Y1/Y2	Phase 1	Introduction to PM (Y1) Creative Computing (Y1)	Creating Pictures (Y1)	Spreadsheets (Y2)	Animated Stories (Y1)	Coding (Y1)	Coding (Y2)
	Phase 2	Introduction to PM (Y1) Route Explorers (Y2)	The Internet (Y2)	Data Explorers (Y1)	Questioning (Y2) Making Beats (Y1)	Creating & Following Instructions (Y1) Presenting Ideas (Y2)	Technology Around Us (Y1)
Y3/Y4	Phase 1	Email (Y3)	Hardware and Software (Y4)	Route Planners (Y3) Effective Searching (Y4)	Coding (Y3&Y4)	Presentations (Y3)	Spreadsheets (Y3)
	Phase 2	Animation (Y4) Logo (Y4)	Branching Databases (Y3)	Sound Stories (Y4) Composing Beats (Y4)	Coding (Y3&Y4)	Touch Typing (Y3)	Introduction to AI (Y4)
Y5/Y6	Phase 1	Quizzing (Y5)	Y5 – Sounds Dramatic (Music Computing Unit) Y6 – Game Creator (Y5)	Y5 – Game Creator (Y5) Y6 – Music Reimagined (Music Computing Unit)	Spreadsheets (Y5)	Coding (Y5)	Word Processing – Microsoft, Apple & Google (Y5)
	Phase 2	Networks (Y6)	Databases (Y5)	Blogging (Y6)	Concept Maps (Y5)	Coding (Y6)	Spreadsheets (Y6)

Information Technology	Computer Science	Digital Literacy