

PHIA Academy Curriculum

Quick Overview by subject

Computing systems and networks / Creating media / Programming A / Data and Information

Subject	Computing					
	Term 1	Term 2	Term3	Term 4	Term 5	Term 6
EYFS	Online safety	How to use computers safely	Beebots	Beebots	Using technology / Tech in our lives	Technology for a purpose (Purple Mash)
Year 1	Online Safety / Tech around us	Digital Painting	Coding (2Go)	Digital writing / basic typing	Grouping data (Spreadsheets)	Digital photography
Year 2	Online Safety / tech around us	Programming Animation	Pictograms (through maths)	Email	Coding	Programming Quizzes
			Editing skills / Search engines	(through music - Making music)		
Where next for further information	Curriculum Overview	→	Curriculum Knowledge Progression	→	Year group Overview	

Key stage 1

Pupils should be taught to:

1. understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions (1.3, 2.2, 2.5, 2.6)
2. create and debug simple programs (1.3, 2.2, 2.5, 2.6)
3. use logical reasoning to predict the behaviour of simple programs (1.3, 2.2, 2.5, 2.6)
4. 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. (1.1, 1.4, 1.5, 1.6, 2.1, 2.3, 2.5)
5. use technology purposefully to create, organise, store, manipulate and retrieve digital content. (1.1, 1.2, 1.4, 1.5, 1.6, 2.1, 2.3, 2.4, 2.6)
6. recognise common uses of information technology beyond school. (1.1, 1.3, 1.6, 2.1)