

Computing Long Term Overview



Cycle A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS						
Year 1	1.6 We are Celebrating Creating a card electronically Productivity	1.1 We are treasure hunters Using programmable toys Programming	1.3 We are painters Illustrating an eBook Creativity	1.2 We are TV chefs Filming the steps of a recipe Computational thinking	1.4 We are collectors Finding images using the web Computer networks	1.5 We are storytellers Producing a talking book Communication/ Collaboration
Year 2	2.1 We are astronauts Fact sheets – textease Programming on screen Programming	2.2 We are game testers Exploring how computer games work Computational thinking	2.3 We are photographers Taking, selecting and editing digital images Creativity	2.4 We are researchers Researching a topic Computer networks	2.6 We are zoologists Recording bug hunt data Productivity	2.5 We are detectives Communicating clues Communication/ collaboration
Year 3/4	3.5 We are communicators Communicating safely on the internet Communication/collaboration		4.4 We are HTML editors Editing and writing HTML Computer networks		3.2 We are bug fixers Finding and correcting bugs in programmes Computational thinking	
	3.6 We are opinion pollsters Collecting and analysing data Productivity		3.1 We are programmers Programming and animation Programming		4.1 We are software developers Developing a simple educational game Programming	4.5 We are co-authors Producing a wiki Communication/ collaboration
Year 5/6	Robotics	6.3 We are advertisers (film making) Creating a short tv advert Creativity	6.5 We are travel writers (interactive magazine on Victorian Ilkley) Using media and mapping to document a trip Productivity	6.2 We are computational thinkers (data bases) Mastering algorithms for searching, sorting and mathematics Computational thinking	6.4 We are network engineer Exploring computer networks including the internet Computer networks	5.2 We are cryptographers (scratch) Cracking codes Computational thinking

Computing Long Term Overview



Cycle B

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS						
Year 1	1.6 We are Celebrating Creating a card electronically Productivity	1.1 We are treasure hunters Using programmable toys Programming	1.3 We are painters Illustrating an eBook Creativity	1.2 We are TV chefs Filming the steps of a recipe Computational thinking	1.4 We are collectors Finding images using the web Computer networks	1.5 We are storytellers Producing a talking book Communication/ Collaboration
Year 2	2.1 We are astronauts Fact sheets – texttease Programming on screen Programming	2.2 We are game testers Exploring how computer games work Computational thinking	2.3 We are photographers Taking, selecting and editing digital images Creativity	2.4 We are researchers Researching a topic Computer networks	2.6 We are zoologists Recording bug hunt data Productivity	2.5 We are detectives Communicating clues Communication/ collaboration
Year 3/4	3.5 We are communicators Communicating safely on the internet Communication and collaboration		4.4 We are HTML editors Editing and writing HTML Computer networks		4.5 We are co-authors Producing a wiki Communication/collaboration	
	4.1 We are software developers Developing a simple educational game Programming	4.2 We are toy designers Prototyping an interactive toy Computational thinking		4.6 We are meteorologists Presenting the weather Productivity		4.3 We are musicians Producing digital music Creativity
Year 5/6	5.4 We are web developers (e safety) Creating a web page about cyber safety Computer networks	5.3 We are artists Fusing geometry and art Creativity	5.6 We are architects Creating a virtual space Productivity	5.1 We are game developers Developing an interactive game Programming	6.1 We are adventure gamers Making a text-based adventure game Programming	6.6 We are publishers Creating a year book Communication/ collaboration