	Autumn Spring Computer Information Digital										
Cycle A	Autumn				Summer						
Nursery	Barefoot Computing: Winer Warmers			Barefoot Computing: Busy Bodies Codapillar			Barefoot Computing: Summer Fun				
Class 1 -	Farms and food				Homes		Toys				
**Year R	Barefoot Computing: Awesome Autumn			Bare	foot Computing: Sprin	ng time	Barefoot Computing: Boats Ahoy				
	E Safety - Smartie the penguin				lick and go – robot mo						
	Coda pillar			С	Click and go - robot mouse			Click and go - robot mouse			
	Food and farming				Transport/ Holidays						
Class 2	Purple Mash	Purple Mash	Beebots – a Christmas	Purple Mash Purple Mash Pu		Purple Mash - 2Paint	Purple Mash Purple Mash			Purple Mash Unit 2.4	
Year 1 & 2	Unit 1.1	Unit 2.5	Collar	Unit 1.9	Unit 1.2	Which materials	Unit 1.8	Unit 1.7 Codi	ng	Questioning	
	Online Safety	Effective Searching		Technology outside	Grouping and sorting	would you use to	spreadsheets	Beebots - Bee	ebots Roads and	Weeks – 5	
	-	Lessons – 3			Lessons - 2	build a house?	•	building mat		2Question, 2Investigate	
				Lessons - 2							
		Beebots			Beebots		Beebots				
Class 3		Stone Age			Rivers				Romans		
Year 2 & 3	Purple Mash		Sphero BOLTS – physical	Purple Mash	Purple Mash Coding	Purple Mash	Purple Mash	Purple Mash		Purple Mash	
	Unit 2.2 online	Unit 2.1 Coding recap		•	3.1 revise	Unit 2.6	Unit 2.3	Unit 3.9 - pre	senting	Unit 3.6 branching databases	
	safety	and sphero		online safety -revise		Creating pictures	spreadsheets				
			perimeter								
		hysical computing		VR – awaiting information from T&W							
	Draw 1: shapes & Draw 3: perimeter										
Class 4		Chocolate (including			World Explorers		Treasure Hunters (Anglo-Saxons)				
Year 4 & 5	Purple Mash	Purple Mash Sphero BOLTS - physical			Purple Mash Unit Microsoft Word:4.4 Purple Mash Unit 5.1			Purple Mash Unit 4.6 Crumble – programming A – sele			
	Unit 4.2 online	nit 4.2 online Unit 4.1 coding computing		5.2 Safety & Digital	Writing for different	Coding	animation computing Lessons 1-3 (Teach		s 1-3 (Teach Computing website –		
	safety		Blocks 1: Roll Block	matters managing	audience				NCCE)		
	Digital Matters –		Squares	online information					https://teachcomp	puting.org/curriculum/key-stage-	
	online bullying		Blocks 2: Light & Sound						2/programming-a-	-selection-in-physical-computing	
			stories								
			Blocks 4: On Collision Event								
			Pong								
	Sphero BOLTS – physical computing			VR – awaiting information from T&W			Crumble				
Class 5		Vikings		Cornival			Natural Disasters				
Year 5 & 6		Vikings		Carnival			Natural Disasters				
Tear 3 & 0	Purple Mash Unit 5.2 Online safety + Digital Matters – Purple Mash Coding – Revise Unit 5.1 and Sphero BOLTs – revise and recap Block 7: Flashlight function			Purple Mash Unit Online safety Microsoft Excel: Unit 5.3			Unit 5.7 concept maps Microsoft word – snipping tool, shortcuts Crumble – Morse code https://www.stem.org.uk/system/files/elibrary- resources/2018/02/Morse%20Code.pdf				
				6.2 + Digital matters Self-image Spreadsheets							
	Balancing	teach unit 6.1	Tug o' War								
	screentime	(lesson 1-3)	Blocks 8: Hot BOLTotaoes								
			& variables								
	Sphero BOLTs			VR – awaiting infor	VR – awaiting information from T&W			Crumble			
I	— -										

Predominant Area of Computing*

The computing curriculum is covers the National Curriculum Objectives in the Computing programmes of study: key stages 1 and 2 National curriculum and puts a clearer emphasis on three areas of learning: Computer Science, Information Technology and Digital Literacy. Alongside the curriculum, the planning offers curriculum enhancement opportunities including a range of Physical Computing opportunities.

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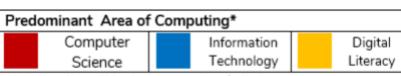
							Predom	inant Area of Computing	j*		
Nursery	Barefo	ot Computing: Wine	r Warmers	Barefoot Computing: Busy Bodies Codapillar			Barefoot Computing: Summer Fun				
Class 1 –		Ourselves		Animals			The seaside				
**Year R		ot Computing: Awesc afety - Smartie the		Barefoot Computing: Springtime Click and go - robot mouse			Barefoot Computing: Boats Ahoy				
	CI	ick and go – robot n	nouse	Click and go - robot mouse			Click and go - robot mouse				
		Katie Morag		Famous people			The Great Fire of London				
Class 2	Purple Mash			Purple Mash	Purple Mash	Purple Mash					
Year 1 &	Unit 1.1		Unit 2.4	Unit 2.2 Online	-	-	Unit 1.3 spreadsheets	story – great fire of	Unit 1.5 Maze		
2	Online Safety Lessons – 4	mat			Pictograms	coding		London	explorers		
		Beebots		Pachete			Dooksta				
		Beebuts		Beebots			Beebots				
Class 3	Local history & wi	ldlife		Egyptians			Contrasting Locations				
Year 2 &	Purple Mash	Purple Mash	Sphero BOLTS –	Purple Mash	Purple Mash	Purple Mash	Purple Mash	Purple Mash	Unit 3.5 email		
3	Unit 2.2 Online	Unit 2.1 Coding	physical	Online safety	Unit 3.1 - coding	Unit 2.8	Unit 3.8 graphing	Unit 3.3 spreadsheets	Sending an		
	safety		computing	3.2 online		presenting			email to the		
	•			safety		ideas			contacting		
			Draw 2: spelling	,		Postcards - Egypt			location		
	Sphero BOLTS			VR – awaiting i	nformation from	T&W					
Class 4	World at War – WW1 and 2			Bon Voyage - France			One Planet- Sustainability				
Year 4 &	Purple Mash	Purple Mash	Sphero BOLTS –			Purple Mash	Crumble – programming A – selection in physical	Purple Mash	Purple Mash		
5	•	•	physical	•	Unit 5.4	<u>-</u>	computing Lessons recap and revise Lesson 1-3 (then	Unit 4.7 effective search			
	Digital Matters				databases		lessons 4-6)	(topic related)	modelling (Use		
	online		Blocks 1: Roll Block	•	aatabases	lesson 1-3	https://teachcomputing.org/curriculum/key-stage-	(topic related)	of 3D printer)		
	privacy and			Matters –			2/programming-a-selection-in-physical-computing		or 3D printer)		
			•				2/programming-a-selection-in-physical-computing				
	security			online							
			Emotions	reputation							
			Block 5: If then								
			Animal Toss								
	Sphero BOLTS				nformation from	T&W	Crumble				
Class 5	Greeks		Victorians			Contrasting loca					
Year 5 &			1 -	-			Crumble – traffic lights		ft word: 5.8 word		
6	Unit 5.2	Mash Coding -	revise and recap	Online safety &	y & Digital Unit 6.9		https://www.stem.org.uk/resources/elibrary/resource/4	125322/traffic-	rocessing		
	Online safety	& Revise Unit 5.1	Text 1: Hello	Matters - Copy	Matters – Copyright and spreadsheets		<u>lights</u>				
	Digital Matte	rs and teach unit	World	ownership							
	(online	6.1 (lesson 4-6									
	relationships	5									

Crumble

VR – awaiting information from T&W

Sphero BOLTs

Computing Long Term Planning



*Most units will include aspects of all strands.

Teach computer – lesson plans for crumble- https://teachcomputing.org/curriculum/key-stage-2/programming-a-selection-in-physical-computing

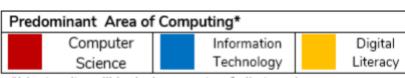
Physical computing with Crumble: https://static.teachcomputing.org/Guide-for-physical-computing-kits.pdf? ga=2.157444154.1041269970.1666456652-991650264.1653387816

Traditional office safety program interpoly www.miternetmateersorg

^{**} EYFS areas of learning can be covered in any order allowing for child initiated learning

^{*}Additional online safety program - https://www.internetmatters.org/

Computing Long Term Planning



*Most units will include aspects of all strands.