Computing
Long Term Plan

Year Group	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Foundation 1	Computing is incorporated within the Early Years Foundation Stage Curriculum predominately through the use of the learning environment and classroom provision. The children are given a wealth of opportunities and resources to engage in activities, both child initiated and adult directed, which enable them to recognise technology, use it to enhance their learning. During children's time at Brooke Primary Academy's Early Years Foundation Stage, the essential building blocks of Computing are established.					
Foundation 2						
Year 1	Unit 1.1 - Online Safety and Exploring Purple Mash – 4 weeks Unit 1.2 - Grouping and Sorting – 2 weeks Unit 1.3 - Pictograms – 3 weeks Unit 1.4 - Lego Builders – 3 weeks		Unit 1.1 - Online safety – 1 week Unit 1.6 - Animated Story Books – 5 weeks Unit 1.5 - Maze Exploration -3 weeks Unit 1.8 - Spreadsheets – 3 weeks		Unit 1.7 - Coding – 6 weeks Unit 1.9 - Technology outside school – 2 weeks Art/Drawing 4 weeks	
Year 2	Unit 2.2 - Online Safety & Exploring Purple Mash – 1 week Unit 2.1 - Coding – 6 weeks Unit 2.3 - Spreadsheets – 4 weeks Unit 2.7 - Making Music – 3 weeks		Unit 2.2 - Online safety – 3 weeks Unit 2.5 - Effective searching – 3 weeks Unit 2.6 -Creating pictures – 5 weeks		Unit 2.4 - Questioning (databases) – 5 weeks Unit 2.8 - Presenting ideas – 4 weeks Art/Drawing - 2 weeks	
Year 3	Unit 3.2 - Online safety & Exploring Purple Mash – 1 week Unit 3.1 - Coding – 6 weeks Unit 3.5 - Email – 6 weeks		Unit 3.2 - Online safety – 3 weeks Unit 3.3 - Spreadsheets – 3 weeks Unit 3.4 - Touch-typing – 4 weeks		Unit 3.8 - Graphing 3 weeks Unit 3.7 - Simulations – 3 weeks Unit 3.6 - Branching Databases – 4 weeks	
Year 4	Unit 4.2 - Online safety & Exploring Purple Mash – 1 week Unit 4.1 - Coding – 6 weeks Unit 4.3 - Spreadsheets – 5 weeks		Unit 4.2 - Online safety – 4 weeks Unit 4.8 - Hardware investigators – 2 weeks Unit 4.5 - Logo – 4 weeks		Unit 4.4 - Writing for different audiences – 5 weeks Unit 4.7 - Effective searching – 3 weeks Unit 4.6 - Animation – 3 weeks	
Year 5	Unit 5.2 - Online Safety & Exploring Purple Mash – 1 week Unit 5.1 - Coding – 6 weeks Unit 5.3 - Spreadsheets – 5 weeks		Unit 5.2 - Online safety – 4 weeks Word processing - 4 weeks Unit 5.4 - Databases – 4 weeks		Unit 5.5 - Game Creator – 5 weeks Unit 5.7 - Concept maps – 4 weeks Unit 5.6 - 3D modelling -4 weeks	

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Year 6	Unit 6.2 - Online safety & Exploring Purple Mash – 1 week Unit 6.1 - Coding – 6 weeks Unit 6.5 -Text adventures – 4 weeks	Unit 6.2 - Online safety – 2 weeks Unit 6.6 - Networks - 3 weeks Unit 6.4 -Blogging – 5 weeks	Unit 6.3 - Spreadsheets – 5 weeks Unit 6.8 - Binary 4 weeks Unit 6.7 - Quizzing – 6 weeks
As computer scientists:	The children will be taught to become digitally literate to prepare them for the future workplace and to be active participants in the digital world. They will have practical experience using computers to help solve problems, to design programs and to evaluate and apply information technology when using it in different contexts.		
If you would like more information about the Computing curriculum we offer at Brooke Primary Academy, then please contact the school office.			