Alma Park Primary School – Long-Term Plan for Computing

Year Group	Autu	<u>Autumn</u>		Spring		<u>Summer</u>	
Nursery	 Opportunity for activities which provide computational thinking – such as sequencing and talking about why things happen Opportunity for activities to use various technologies to explore their world. 						
Reception	 Opportunity for activities which provide computational thinking – such as sequencing and talking about why things happen * Opportunity for activities to use various technologies to explore their world. 						
Year 1	Digital Literacy Technology around us	Information Technology Digital Painters	Computer Science Moving a robot	Information Technology Grouping Data	Information Technology Digital Writing	Computer Science Programming animations	
Year 2	Digital Literacy Information Technology around us	Information Technology Digital Photography	Computer Science Robot algorithms	Information Technology Pictograms	Information Technology Pictograms	Computer Science Programming Quizzes	
Year 3	Digital Literacy Connecting Computers	Information Technology Stop Motion Animation	Computer Science Sequencing Sounds Ada Lovelace	Information Technology Branching Databases	Information technology Desktop publishing	Computer Science Events and Actions in Programs	
Year 4	Digital Literacy The Internet Sir Tim Berners- Lee	Information Technology Audio Production	Computer Science Repetition in shapes	Information technology Data logging	Information technology Photo Editing	Computer Science Repetition in games	
Year 5	Digital Literacy Systems and searching	Information Technology Video Production	Computer Science Selection in physical systems (Crumble)	Information Technology Flat file databases	Information technology Vector Graphics	Computer Science Selection in quizzes Sophie Wilson	
Year 6	Digital Literacy Communication and Collaboration	Information Technology Website Creation	Computer Science Variables in Games <u>Alan Turing</u>	Information technology Introduction to Spreadsheets	Computer Science Sensing Movement Banū Mūsā	Computer Science We are Al Developers	