Carrwood Primary School

Long Term Coverage Plan – Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Introduction to PurpleMash (3 lessons) Creative computing (4 lessons)-developing mouse skills and ICT skills using the 2DIY tools in Purple Mash.	Data explorers (6 lessons)-grouping and sorting pictures. Creating and following instructions (3 lessons)	Animated stories (6 lessons)-using 2Create to design digital books.	Coding (6 lessons)-using 2Code.	Technology around us (4 lessons)	Making beats (4 lessons)-using 2Explore and 2Beat to look at digital music.
Year 2	Route explorers (4 lessons)-coding using 2Go The internet (4 lessons)-understanding the internet	Creating pictures (5 lessons)-2Paint-Using a digital art tool to create art.	Spreadsheets-(6 lessons)-introducing spreadsheets using the 2Calculate tool.	Questioning (4 lessons)-2Count-looking at collecting data Start Coding unit (6 lessons)-using 2Code	Continue Coding unit (6 lessons)-using 2Code Start Presenting ideas unit (4 lessons)-2Connect-create mind maps	Continue Presenting ideas unit (4 lessons)-2Connect-create mind maps Making music-(3 lessons)-using 2Sequence to compose digital melodies.

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Year 3	Email (6 lessons)-communicating electronically using 2Email. Start Route Planners unit (5 lessons)-using 2Go.	Continue Route Planners unit (5 lessons)-using 2Go. Branching Databases(4 lessons)-using 2Question.	Spreadsheets-(6 lessons)-working with data using spreadsheets in the 2Calculate tool.	Coding (6 lessons)-developing coding skills using 2Code.	Presentations (5 lessons)	Touch typing (4 lessons) using 2Type to develop touch typing skills. micro:bit (4 lessons)-coding using a micro:bit or a simulator.

Year 4	Unpacking hardware and Software (4 lessons) Start Animation unit (6 lessons)-Creating digital animations using the 2Animate tool.	Continue Animation unit (6 lessons)-Creating digital animations using the 2Animate tool. Logo (4 lessons)-learning the text based Logo coding language.	Sound stories (4 lessons)-using 2Cast to create audio books. Start Effective searching unit (4 lessons)	Continue Effective searching unit (4 lessons). Start Coding unit (6 lessons)- developing coding skills using 2Code.	Continue Coding unit (6 lessons)- developing coding skills using 2Code. Start Composing beats unit (4 lessons)- Using the Busy Beats tool to explore and compose music digitally.	Continue Composing beats unit (4 lessons)-Using the Busy Beats tool to explore and compose music digitally. Introduction to AI (4 lessons)-understanding what AI is.

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Year 5	Quizzing (5 lessons)-Making effective quizzes using 2Quiz. Databases (4 lessons)	Game creator (5 lessons)-designing and making a 3D maze adventure game using 2DIY3D. Start Spreadsheets unit (6 lessons)-using 2Calculate	Continue Spreadsheets unit (6 lessons)-using 2Calculate. Start Coding unit (6 lessons)- developing coding skills using 2Code.	Continue Coding unit (6 lessons)- developing coding skills using 2Code. Start Word processing unit (6 lessons).	Continue Word processing unit (6 lessons). Concept maps (4 lessons)- Using and creating concept maps using 2Connect.	Coding external devices (6 lessons)-Using the Purple Chip app on a tablet alongside Purple Mash.
Year 6	Graphing ((4 lessons) Start Blogging (4 lessons)-Understanding how blogs and their features can effectively engage an audience.	Continue Blogging (4 lessons)-Understanding how blogs and their features can effectively engage an audience. Data detectives (4 lessons)	Networks (4 lessons) Learning what networks do and how they connect devices. Start Coding (6 lessons)- Developing coding skills using 2Code.	Continue Coding (6 lessons)- Developing coding skills using 2Code.	Spreadsheets (6 lessons) Using industry standard software to work with spreadsheets.	3-D Modelling (4 lessons)- Exploring computer aided design in 3D using the 2Design and Make tool.