Rodbourne Cheney Primary School 2023-2024
Computing yearly overview

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	Digital Literacy	Computer Science	Information Technology	Digital Literacy	Computer Science	Information Technology
Year 1	Digital Literacy Computing systems and networks – Technology around us	Information Technology Creating Media - Animated Story Books on 2Createastory (Unit 1.6)	Computer Science NCCE Programming Unit A Moving a robot	Information Technology Data and information – Purple Mash Pictograms (Unit 1.3)	Computer Science NCCE Programming B - Programming animations	Digital Literacy Communication and Collaboration - Use searching to create a postcard on 2Publish
Year 2	Computer Science NCCE Programming A – Moving a robot	Information Technology Creating Media - Purple Mash Creating Pictures (Unit 2.6)	Digital Literacy Digital Literacy Computing systems and networks – IT around us	Information Technology Creating media – Digital photography	Computer Science NCCE Programming B – An introduction to quizzes	Laptops Digital Literacy Communication and Collaboration - Purple Mash Effective Searching (Unit 2.5) to create a digital poster
Year 3	Digital Literacy Digital Literacy Computing systems and networks – Connecting computers	Computer Science Programming A - 2Code on Purple Mash (Unit 3.1)	Laptops Information Technology Creating Media - Microsoft PowerPoint	Digital Literacy Communication and Collaboration - 2Email on Purple Mash Unit 3.5	Information Technology Data and information – Branching databases	Computer Science NCCE Programming B - Events and actions in programs
Year 4	Computer Science Programming A - 2logo on Purple Mash	Information Technology Creating Media - Purple Mash Writing for Different Audiences (Unit 4.4)	Information Technology Data and Information - 2Caclualte on Purple Mash	Digital Literacy Digital Literacy Computing systems and networks – The Internet	Laptops Digital Literacy/ Recap IT Poster on MS word (PM Unit 5.8)	Computer Science Programming B – Repetition in games
Year 5	Computer Science Programming A - 2Code on Purple Mash (Unit 5.1)	Information Technology Creating Media - Video production using iMovie	Laptops Digital Literacy Digital Literacy Computing systems and networks – Sharing information	Laptops Digital Literacy Communication and Collaboration - Individual blogs using 2Blog on Purple Mash (Unit 6.4)	Information Technology Data and information – Flat-file databases	Computer Science Scratch using NCCE Programming B – Selection in quizzes
Year 6	Digital Literacy Digital Literacy Computing systems and networks	Laptops Computer Science Scratch using NCCE Programming A – Variables in games	Laptops Digital Literacy Communication and Collaboration - Comparing communication tools (Making a Sway)		Laptops Computer Science Programming B - Sensing movement Physical computing using Micro:bits	Information Technology Data and information & Creating Media - MS Excel (Purple Mash Unit 6.9)

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Final Outcomes/ End Points

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	Digital Literacy	Computer Science	Information Technology	Digital Literacy	Computer Science	Information Technology
Year 1	Digital Literacy NCCE Computing systems and networks – Paddington painting	Information Technology Animated Story Books	Computer Science Debug an algorithm for a Beebot and re-write it using the correct commands	Information Technology Pictogram on 2Count	Computer Science Simple algorithm on 2go	Digital Literacy Postcard on 2Publish
Year 2	Computer Science Beebot floormat and algorithm from the start to the end point	Information Technology Digital picture using 2Paint	Digital Literacy NCCE Computing systems and networks – Summative assessment	Information Technology Class portrait gallery	Computer Science Use and modify designs to create your own quiz questions in ScratchJr	Digital Literacy Digital poster on 2Publish
Year 3	Digital Literacy NCCE Computing systems and networks – Summative assessment	Computer Science Animated scene on 2Code	Information Technology MS PowerPoint	Digital Literacy Send an email with an attachment using 2Email	Information Technology Bar chart on 2Calculate	Computer Science Design and create a musical program on Scratch using sequences
Year 4	Computer Science Design a logo using 2logo using repetition	Information Technology Digital newspaper article using 2Publish	Information Technology Create different graphs/charts on 2Caclualte	Digital Literacy NCCE Computing systems and networks - Summative assessment	Digital Literacy Collaborative poster on MS word (PM Unit 5.8)	Computer Science Design and create a game on Scratch using repetition
Year 5	Computer Science 2Code on Purple Mash (Unit 5.1)	Information Technology iMovie	Digital Literacy NCCE Unit Computing systems and networks – Summative assessment	Digital Literacy Individual blogs using 2Blog on Purple Mash (Unit 6.4)	Information Technology Create a database on 2investigate on Purple Mash (Unit 5.4)	Computer Science Design and create a selection quiz on Scratch
Year 6	Digital Literacy NCCE Computing systems and networks – Summative assessment	Computer Science Design and create a game on Scratch using variables	Digital Literacy Create a Sway website		Computer Science Make a step counter using a Micro:bit	Information Technology Create a spreadsheet using MS Excel