Uley C of E Primary Computing Rolling programme

Cycle A (2022/2023)				
Computer Science		Digital Literacy	Information technology	
	Autumn term		Spring term	Summer term
Reception	Reception children explore a range of Purple Mash hardware and tools throughout the year. (Mini Mash)			
Year 1/2	**Online safety and Exploring** Purple Mash Unit 1.1 (4 lessons) I can keep my login information safe. I can save my work in a safe place such as 'My Work' folder	**Lego Builders** Unit 1.4 (3 lessons) I can explain that an algorithm is a set of instructions. I know that a computer program turns an algorithm into code that the computer can understand. I can work out what is wrong when the steps are out of order in instructions.	**Coding** Unit 1.7 (6 lessons) I know that a computer program turns an algorithm into code that the computer can understand. I can try and fix my code if it isn't working properly. I can make good guesses of what is going to happen in a program.	**Questioning** Unit 2.4 (5 lessons) I can organise data. I can find data using specific searches. I can use several programs to organise information.	**Making Music** Unit 2.7 (3 lessons) I can edit digital data such as data in music composition software like 2Sequence. I can name, save and find my work.

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Cycle B (2023/2024)					
Computer Science		**Digital Literacy**		**Information Technology**	
	Autumn term		**Spring term**		**Summer term**
Reception	Reception children explore a range of Purple Mash hardware and tools throughout the year. (Mini mash)				
Year 1/2	**Online Safety** Unit 2.2 (3 lessons) and Technology outside school Unit 1.9 (2 lessons) I can say what technology is. I can say what examples of technology are in school and at home. I know that a chair uses old technology and a smart phone uses new technology. I know the consequences of not searching online safely. I can share work and communicate electronically. I can report unkind behaviour and things that upset me online, to a trusted adult. I can see where technology is used at school such as in the office or canteen.	**Effective searching** Unit 2.5 (3 lessons) I can find information I need using a search engine. I know the consequences of not searching online safely.	**Coding** Unit 2.1 (5 lessons) I understand that my creations such as programs in 2code, need similar skills to the adult world.	**Grouping and sorting** Unit 1.2 (2 lessons) I can sort sound, pictures and text. I can name my work. I can save my work. I can find my work.	**Animated story books** Unit 1.6 (5 lessons) Or Creating Pictures Unit 2.6 (5 lessons) I can add sound, pictures and text to a program such as 2Create a story. I can change content on a file such as text, sound and images. I can name my work. I can save my work. I can find my work. Or I can name, save and find my work. I can include photos, text and sound in my creations.