Computing topics across mixed year group classes from Sept 2021 including curriculum strands

Academic Year A/B	CLASSES: JM/CF & MO/SB YI/Y2		CLASSES:TM/EA & KP/JS Y3/Y4		CLASSES CC/BH/FS Y5/Y6	
	Y1/Y2		Y3/Y4		Y5/Y6	
YEAR A	**Autumn 1** Online safety PM* 1.1	**Autumn 2** Grouping and sorting PM 1.2	**Autumn 1** 1, Online safety, including email safety (Twinkl)	**Autumn 2** 2. Coding crash course	**Autumn 1** Online Safety **Autumn 1** Designing a Race Car Scratch Game (Knowlsley** Unit)	**Autumn 2** Designing a Race Car Scratch Game (Knowlsley** Unit)
	Spring 1 1. Lego builders PM 1.4 with Online safety	**Spring 2** 2. Spreadsheets PM 1.8 and 2.3	**Spring 1** 1. Using spreadsheets crash course	**Spring 2** 2. Touch typing	**Spring 1** Spreadsheets (PM – Year 6 unit)	**Spring 2** Networking (PM – Year 6 unit)
	Summer 1 Questioning PM 2.4 Binary Tree Online Safety PM 2.1 searching and sharing	**Summer 2** 2. Coding PM 1.7 or 2.1 (2.1 extension activity)	**Summer 1** Multimedia PowerPoints Microsoft: Power Point, Word, Forms	**Summer 2** Multimedia PowerPoints Microsoft: Power Point, Word, Forms	**Summer 1** Crumble Unit Computer Control using Coding	**Summer 2** Film Making
YEAR B	**Autumn 1** 1.Online Safety PM 1.1	**Autumn 2** Pictograms PM 1.3	**Autumn 1** 1. Online safety	**Autumn 2** 2, Branching data bases	**Autumn 1** Online Safety (Purple Mash – Year 5/Year 6 unit)	**Autumn 2** Blogging (PM – Year 6.4)
	Spring 1 1. Animated stories PM 1.6 with Online safety	**Spring 2** 2. Spreadsheets PM 1.8 and 2.3	**Spring 1** Programming turtle, logo and Scratch*** (Twinkl unit)	**Spring 2** Programming turtle, logo and Scratch*** (Twinkl unit)	**Spring 1** Databases (Purple Mash – Year 5 unit)	**Spring 2** 3D Modelling (Purple Mash – Year 5 unit)
	Summer 1 Making music PM 2.7 Online Safety PM 2.2 using email	**Summer 2** Coding PM 1.7 or 2.1 (2.1 extension activity)	**Summer 1** Simulations	**Summer 2** Simulations	**Summer 1** Lego Unit (Coding Success Unit)	**Summer 2** Lego Unit (Coding Success Unit)

*PM stands for Purple Mash, this is a computing software provider that Stramongate have chosen.

** We have taken this unit of work from the Knowsley local authority scheme of work.

*** Scratch is a programming language that allows students to create their own interactive stories, games and animations

**** Online safety should also be explicitly mentioned in each unit as an important part of teaching and learning Computing.

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