Northampton Primary Academy Trust Computing Long-term Map

Computing	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1	*Embedded unit* Creating Media: **Digital Writing** *e.g. link to History (Queen Elizabeth)*	Computer Systems and Networks: **Technology Around Us**	*Embedded unit* Creating Media: **Digital Painting** *e.g. link to Art (different media painting)*	Programming A: **Moving a Robot** *(Beebots)*	*Embedded unit:* Data and Information: **Grouping Data** *e.g. link to Science (identifying and naming common plants)*	Programming B: **Introduction to Animation** *(Scratch Jr)*
Year 2	*Embedded unit* Creating Media: **Digital Photography** *e.g. link to Art (drawing Inspired by architecture)*	Programming A: **Robot Algorithms** *(Beebots)*	*Embedded unit* Creating Media: **Making Music** *e.g. link to History (music for Christopher Columbus or Neil Armstrong journeys)*	Computer Systems and Networks: **IT Around Us**	*Embedded unit:* Data and Information: **Pictograms**	Programming B: **An introduction to Quizzes** *(Scratch Jr)*
Year 3	*Embedded unit* Basic skills/word processing. e.g. link to wider curriculum or English.	Programming A: **Sequence in Music** *(Scratch)*	*Embedded unit* Creating Media: **Animation** *e.g. link to History (the Romans)*	Computer Systems and Networks: **Connecting Computers**	*Embedded unit:* Creating Media: **Desktop Publishing** *e.g. link to Science (parts of a plant)*	Programming B: **Events and Actions** *Scratch*
Year 4	*Embedded unit* Creating Media: **Photo Editing** *e.g. link to History (Vikings)*	**Programming Recovery Curriculum:** Year 3 Programming A: **Sequence**- 3 lessons Year 3 Programming B: **Events**- 3 lessons Year 4 Programming B: **Repetition**- 2 lessons	*Embedded unit* Creating Media: **Audio Editing**	Computer Systems and Networks: **The Internet**	*Embedded unit* Data and Information: **Branching Databases** *e.g. link to Science (classifications and keys)*	Programming A: **Repetition in Shapes** *(Logo)*
Year 5	*Embedded unit* Creating Media: **Vector Drawing**	**Programming Recovery Curriculum:**	*Embedded unit* Data and Information: Flat file databases	Computer Systems and Networks: **Sharing information**	*Embedded unit* Creating Media: **Video Editing**	Programming B: **Selection in Quizzes** *(Scratch)*

	e.g. link to History	Year 3 Programming A: **Sequence**- 3 lessons Year 3 Programming B: **Events**- 3 lessons Year 4 Programming B: **Repetition**- 2 lessons	*e.g. link to History (WW1)*		*e.g. link to RE (stories of faith) or link to Art (sculpture)*	
Year 6	*Embedded unit* Creating Media: **Web Page Design** *e.g. link to History (WW2)*	**Programming Recovery Curriculum:** Year 3 Programming A: **Sequence**- 3 lessons Year 3 Programming B: **Events**- 3 lessons Year 4 Programming B: **Repetition**- 2 lessons	*Embedded unit* Computer Systems and Networks: **Communication**	Year 5 Programming B: **Selection in Quizzes** *(Scratch)* *with variables*	*Embedded unit* Creating Media: **3D Modelling** *e.g. link to History (British Culture)*	Data and Information: **Spreadsheet** *e.g. link to End of Term party/event/summer fayre*