Whole School Overview- Computing 2023-24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	CLASS BASED Computer Science Tinker with a range of 'cause and effect' toys in provision	CLASS BASED Computer Science Tinker with a range of 'cause and effect' toys in provision Digital Literacy- Use iPads to take photos of themselves	CLASS BASED Computer Science Tinker with a range of 'cause and effect' toys in provision Digital Literacy- Use Seesaw drawing tool on the iPads to make marks	CLASS BASED Computer Science Tinker with a range of 'cause and effect' toys in provision Digital Literacy- Use Seesaw drawing tool on the iPads to begin to write their name or draw pictures	Digital Literacy- Online safety National online safety units 1-4 (EYFS units with no follow up activities) CLASS BASED Computer Science Explore and investigate wind-up toys	Digital Literacy- Online safety National online safety units 5-8 (EYFS units with no follow up activities) CLASS BASED Computer Science Tinker with and explore remote control cars
Reception	CLASS BASED Digital Literacy- Purple Mash Explore 2Paint on the computers and mark making	CLASS BASED Computer Science Tinker with Code a Pillars in provision Continue to tinker on Mini Mash on Purple Mash	CLASS BASED Computer Science Tinker with BeeBots in provision Continue to tinker on Mini Mash on Purple Mash Read 'Dot' as part of Safer Internet Day	Digital Literacy- Online safety National online safety units 1-4 Continue to tinker on Mini Mash on Purple Mash. Use 2Paint and Simple city CLASS BASED Computer Science Follow simple instructions given by an adult (algorithm)	Digital Literacy- Online safety National online safety units 5-8 CLASS BASED Computer Science Write simple instructions and use these to help program a toy. COMPUTING SUITE Digital Literacy- Access the computer suite. Learn the main parts of the computer. Basic controls (in small groups)	COMPUTING SUITE Digital Literacy- Access the computer suite. Learn the main parts of the computer. Develop ability to manipulate the mouse. Log in to Mini Mash using their individual username and picture pin
Y1	COMPUTING SUITE Digital Literacy- Introduction to computing	COMPUTING SUITE Digital Literacy- Online safety National online safety units 1-4	CLASS BASED Computer Science Programming Mazes Purple Mash Unit 1.5 Code a pillars	CLASS BASED Computer Science Programming -Coding Purple Mash Unit 1.7 End using Daisy the Dinosaur on iPads	COMPUTING SUITE Digital Literacy- Technology beyond school Purple Mash Unit 1.9 Online safety National online safety units 5-8	CLASS BASED Information Technology Animated stories Purple Mash Unit 1.6

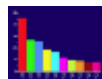|						
Y2	COMPUTING SUITE Digital Literacy- Online Safety- National online safety units 1-4	CLASS BASED Computer Science **Programming (Algorithms)** Barefoot coding activities Code-a-Pillar BeeBot	COMPUTING SUITE Computer Science **Programming** Purple Mash Unit 2.1 Coding	COMPUTING SUITE Digital Literacy- Information Technology **Effective Searching-** 3 weeks Online safety National online safety units 5 and 6	CLASS BASED Computer Science **Scratch jr- iPads unit** (Y1 Twinkl unit to be adapted if needed) Online safety National online safety units 7 and 8	COMPUTING SUITE Information Technology **Spreadsheets** Purple Mash unit 2.3
Y3	COMPUTING SUITE Digital Literacy- Online Safety National online safety units 1-4	COMPUTING SUITE Computer Science **Programming** Purple Mash Y3 Coding	CLASS BASED- on iPads Information Technology **Spreadsheets** Purple Mash Unit 3.3	COMPUTING SUITE Digital Literacy Information Technology **Email** Purple Mash Unit 3.5	COMPUTING SUITE Computer Science **Programming-** Scratch 3	Computer Science Digital Literacy **Networks- Year 3** Online safety National online safety units 5-8
Y4	CLASS BASED- on iPads Digital Literacy- Online Safety National online safety units 1-4	COMPUTING SUITE Information Technology **Effective searching** Purple Mash unit 4.7	COMPUTING SUITE Information Technology **Animation** Purple Mash unit 4.6 followed by stop motion work on iPads	CLASS BASED- on iPads Computer Science Digital Literacy **Networks- Y4** Online safety National online safety units 5-8	COMPUTING SUITE Information Technology **Spreadsheets** Purple Mash unit 4.3 Begin on Purple Mash and move to Excel	COMPUTING SUITE Computer Science **Programming** Scratch 3- Smoking Car
Y5	CLASS BASED- on iPads Digital Literacy- Online Safety National online safety units 1-4 *If time- iPad apps to enhance topic lessons, ThingLink, Adobe Spark*	Digital Literacy- Online Safety National online safety units 5-8	CLASS BASED- on iPads Information Technology **Spreadsheets** Purple Mash unit 5.3	COMPUTING SUITE Computer Science **Programming** Scratch 3- Crab Maze	COMPUTING SUITE Information Technology **Animation** **Powerpoint** animation of the phases of the moon	COMPUTING SUITE Computer Science Digital Literacy **Networks- Y5**
Y6	COMPUTING SUITE Digital Literacy- Online Safety National online safety units 1-4	CLASS BASED- Information Technology **Blogging** Purple Mash unit 6.4	CLASS BASED- on iPads Digital Literacy- Online Safety National online safety units 5-8	COMPUTING SUITE Information Technology **Spreadsheets** Purple Mash unit 6.9 Excel		COMPUTING SUITE (am) Computer Science **Programming** Scratch 3- Create your own game **Programming** Crumble project- goal line technology

Online Safety

Programming

Animation

Communication

Networks

Data handling

Searching

These symbols show the main themes that thread throughout the Family of Learning Trust's computing curriculum. There are other underlying themes and threads, mainly involving the use of Office programs that can't be seen here. The skills progression document details the skills that children should be taught in each year group in relation to basic skills in Office.

These symbols can also be seen in the long term plan and on the skills progression document