	Autumn 1 **Digital Literacy**	Spring **Information Technology**	Summer **Computer Science**
	Computing Curriculum Map		
Nursery	Shared technology	Touch Screen technology	Programmable toys
Reception	What is a computer? Login on and off *(Maths Whizz)*	Using ipads	Simple programming *Bee Bots*
	Children learn that safe computer use is supported by sharing use with trusted adults		
Year 1	Different types of computers and how they help you to learn Keyboard skills *(MS Word: size, colour, font)* Usernames *(personal)*	The main parts of a computer Storing and saving data Simple formatting of text (revisit) Taking photographs and camera rules Making art *(Colour Magic and Paint)*	Basic algorithms Starting to code Computer bugs *Bee Bot online & Daisy Dinosaur*
e-safety	Objects which use computers/personal information	Protecting personal information	Safe photographs
Year 2	Using the internet for work Presentation skills *(MS Word & Powerpoint)*	How computers have changed Writing on a computer and formatting text Making a film with a camera Editing photographs	Animation Programming a robot Computer games *Tynker Jnr & Kids Coding*
e-safety	How people use the internet and safe websites	Usernames and passwords	Camera safety
Year 3	Different ways to communicate online *MS Teams, Word, Powerpoint, emails*	Typing skills (touch typing) Databases *(pictograms: ipad apps)*	What is computer science? Decomposition Getting computers to do what we want *Lightbot Hour, DinosaurCode, Turtles & Scratch Jnr*
e-safety	Communicating online cyber-bullying/keeping safe	Data Protection	Share Aware
Year 4	Viruses and malware Special features *(MS Word: labels, pasting, resizing, layout)*	Creating digital video and audio Trusted webpages including searches Repeating patterns *(MS Word)*	Algorithms Computer programs using variables Debugging *Tynker, Scratch & Box Island*
e-safety	Using internet search engines safely: safe sites	Online friends	Social apps and age restrictions
Year 5	Trusting internet sources Special features *(MS Powerpoint)*	Apps Creating and understanding charts	Controlling physical systems How does the internet work? The worldwide web *Pyonkee, Insighticonlite*
e-safety	Staying safe on the internet - viruses and malware	Online gaming	Social media
Year 6	Creating characters Spreadsheets *(MS Excel: adding content)*	Input and output devices Digital images and the law	Digital data Search engines Evaluating computer games *Pyonkee, Cargo Bot & Playgrounds*
e-safety	Tween safe	Social sites	Live streaming