	Computer Science	Information Technology	Digital Literacy
	Computer science relates to the programming and coding elements of the curriculum. Children will be taught computational thinking skills such as using algorithms, patterns, abstraction, decomposition, logic and evaluative skills.	This area of the curriculum relates to the children using technology to design and create a range of programs, systems and content that accomplish a given goal. The skills learn will be transferrable across numerous software packages and enable to the children to confidently use everyday computing skills as well as some more complex concepts.	In this area of the curriculum, children will learn about how technology works for example looking more closely at how the internet works and how networks are used in schools. In addition to this, children will learn how to the become positive and responsible digital citizens by looking at various E-safety topics.
EYFS	Algorithms – Bee-Bots	Digital Art -2simple	Keyboard and mouse Using iPads E-Safety
1	Algorithms – BeeBots(on iPad) Algorithms - ScratchJr	Digital Art -2simple Word Processing - 2Publish Creating Videos-iPads Animations -ABCYA	E-Safety
2	Algorithms - ScratchJr	Digital Art -2simple Making and Presenting - PowerPoint Creating Videos -iPads Animations- PowerPoints	E-Safety
3	Algorithms – Scratch Physical Coding – Micro:Bits	Word Processing – Microsoft Word Making Presentations – PowerPoint Digital Art - TinkerCad	Online communication – email, Teams E-Safety
4	Algorithms – Scratch Physical Coding – Crumble kits	Databases – Microsoft Excel Animation – Pivot Animator Digital Art – TinkerCad / Blender	Communication and Collaboration – Email and PowerPoint E-Safety
5	Physical Coding – Crumble Algorithms – Python	Digital Art – Blender Creating videos – PowerPoint Manipulating Sound – Incredibox, Audacity, Soundation	What is a computer? E-Safety

| 6 | Physical Coding – Raspberry Pi
Algorithms – Pythons | Digital Art – Blender
Databases – Excel
Creating videos - PowerPoint | Inside the internet
E-Safety |