

Computing planning overview 2023 - 24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Diamond	<u>By the end of Reception children can:</u> - Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes. - Be confident to try new activities and show independence, resilience and perseverance in the face of challenge. - Explain the reasons for rules, know right from wrong and try to behave accordingly. Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.					
Emerald	Technology around us	Robot algorithms –	Creating media – digital writing Year 1	Data and Information – pictograms	Programming animations	Digital music
Assessment strand	Computing systems and networks	Programming	Multimedia	Handling data	Programming	Multimedia
Topaz	Information Technology around us	Digital Music	Branching Databases	Stop frame animation	Sequencing sounds	Events and actions in programming
Assessment strand	Computing systems and networks	Multimedia	Handling data	Multimedia	Programming	Programming
Amethyst	The internet	Stop frame animation	Desktop Publishing	Data logging	Repetition in shapes	Repetition in games
Assessment strand	Computing systems and networks	Multimedia	Multimedia	Handling data	Programming	Programming
Ruby	Communication and collaboration	Variable in games	Introduction to spreadsheets	Video production	Sensing movement	Introduction to vector graphics
Assessment strand	Computing systems and networks	Programming	Handling data	Multimedia	Programming	Multimedia