



'Believe, Excite, Succeed, Together'

Welbourn Church of England Primary School Computing Long Term plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topaz Year A	Exploring hardware Esafety	Programming Beebots (EYFS) Moving a Robot (Y1)	Algorithms Esafety day	EYFS - using touch technology to make images. Digital imagery using paint.	Digital writing. EYFS - exploring a keyboard	Grouping data (Introduction to data - EYFS)
Topaz Year B	Esafety Technology around us	Digital writing EYFS - exploring a keyboard	Grouping data (Introduction to data - EYFS) Esafety day	Programming Beebots (EYFS) Moving a Robot (Y1)	Programming animations - Scratch Jr	EYFS - using touch technology to make images. Digital imagery using paint.
Emerald Year A	Information technology around us (Y2) Esafety	Desktop publishing (Y3)	Robot algorithms Esafety day	Y2 - pictograms Y3 - Databases	Stop frame animation - Egyptians	Making music - Y2 Scratch music - Y3
Emerald Year B	Information technology / Y3 publishing Esafety	Digital photography - Roman Lincoln	Making music - Y2 Scratch music - Y3 Esafety day	Connecting computers including email.	Scratch Jr - Quizzes	Scratch - Events and actions
Amethyst Year A	Online safety The internet - reliability	Repetition in shapes - editing a screen turtle	Data logging Esafety day	Photo editing	Audio Editing - Audacity	Scratch - Recap of skills Film

Amethyst Year B	Esafty Sharing information	Repetition in games - scratch	Esafty day Flat-file data	Vector drawing - publisher	Website design	Selection in physical computing
Amethyst Year C	Esafty Communication	Selection in quizzes - Scratch	Esafty day Spreadsheets	Variables in games - scratch	3d modelling	Sensing - Microbit

There will be a 'Welbourn at the movies week' where each class create a film using software and present at an awards ceremony each year with a different theme.