



Churchside Federation Long Term Planning

Subject: Computing 2021-22



Year Group	How can we help our neighbours?	What do people do all day?	How does technology shape the world?	Where can we go?	What does it mean to be British	What makes the greatest show?
EYFS	*Knows how to operate simple equipment e.g. turns on CD player and uses remote control. * Knows that information can be retrieved from computers. *Completes a simple program on a computer. *Uses ICT hardware to interact with age-appropriate computer software. *Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones. *Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images. Early Learning Goal: Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.					
Sycamore	Search techniques, internet E-safety	Internet Video game design	Coding Digital art	Word/PowerPoint/Excel/Google Docs/Google Slides E-safety	Word/PowerPoint/Excel/Google Docs/Google Slides	Coding Publisher E-safety
Elm	Concept maps Word processing	Game creator E-safety	3D modelling	Databases E-safety	Coding	Spreadsheets E-safety
Rowan	Online safety	Spreadsheets	Hardware investigators E-safety	Effective searching	Coding E-safety	Animation
Cedar	Online Safety Presenting	Coding E-safety	Typing Email	Simulations E-safety	Spreadsheets Graphing	Databases E-safety
Maple	E-safety Effective searching	Creating pictures Questioning	E-safety	Coding	Spreadsheets E-safety	Making music Presenting ideas
Hazel	E-safety Invitations	Lego builders	Tech outside school E-safety	Maze explorers	Grouping and sorting Animated stories.	Coding Pictograms E-safety
Kestrels	Search techniques, internet E-safety	Internet Video game design	Coding Digital art	Word/PowerPoint/Excel/Google Docs/Google Slides E-safety	Word/PowerPoint/Excel/Google Docs/Google Slides	Coding Publisher E-safety
Skylarks	E-safety	Search engines	Coding Hardware	Databases E-safety	Y2: Creating pictures Y4: Logo	Making music E-safety
Owls	Pictograms E-safety	Lego builders	Tech outside school E-safety	Maze explorers	Grouping and sorting Invitations	Coding Animated stories. E-safety

Events:

Anti-bullying week – 16th – 20th November 2021

Computer science week – 7th – 11th December 2021

Safer internet day – 9th February 2022

International day of women in science – 11th February 2021