

Computing 2020-21	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Communication and online collaboration  (To be integrated with English, maths or science)	Coding	E-safety (to be integrated with PSHE)	Communication and online collaboration  (To be integrated with another curriculum subject)	Beyond the screen - computer control	Communication and online collaboration (to be integrated with a creativity task)
EYFS		bee bots	handling technology gently, sharing			Online drawing (kleki)
Year One	Google docs Write a story Format it Share it Comment on a friend's work	introduction to coding What is an algorithm Making a sandwich	managing passwords, logging on and logging off, shutting down and where our information is stored.	working with images Google slides Cut and paste Crop and rotate	What is a computer? Draw it, explain what it does. Give children a screen, ask them to turn it on. Where is the computer? Give them a keyboard, ask them to use it. Where is the computer? hid, display, mouse, trackpad, touchscreen	Online drawing, kleki.com
Year Two	Use Slides Make a non-fiction report Format it, include images share it Comment on a friend's work	Scratch - loops Making our own algorithms for a dance. Subroutines - a part of the program with its own set of instructions that we can call for with just one word when we need it. Green flag and keys to start the program.	Who can we trust offline? Who can we trust online? How do we know?	google docs - fonts, tables, page breaks, align text Use docs to write up a story or poem from our English work.	What's inside a computer? Dissect an old machine, predict, draw, reassemble. Identify hard disk, cpu, memory (could be removed) fan, connecting cables Discuss the importance of these parts	Online drawing, kleki.com User layer tool to add detail.

		Forever, 10 times				
<b>Year Three</b>	google sheets and forms - data collecting and maths	Scratch - Introduction to coding (STEM.org unit)		Video conferencing - use google meet to communicate with another class.		Animation - use cloudstopmotion studio to create an animation of their name, learn about frames, onion skinning, file formats and exporting
<b>Year Four</b>	Google slides  Work in pairs on the same document.  Use suggesting mode and chat	Scratch - Maze game creator.  Use backgrounds, when / then logic	social media, cyberbullying, blocking, reporting	Google maps - linked to Geography. Use google tour builder to create a virtual tour around Hatherleigh.  <a href="https://www.google.com/earth/outreach/learn/storytelling-with-maps-using-tour-builder/">https://www.google.com/earth/outreach/learn/storytelling-with-maps-using-tour-builder/</a>		Digital imaging - photography  Import and manipulate images
<b>Year Five</b>	Google drawings	Scratch - variables and lists- operators  Quiz program and times table program.	online gaming, screen time pledge, how much is healthy?	Collect data using google forms, linked to science topic on forces  analyse using sheets  organise and present information		Linked with music - use amped studio to create, edit, master and export audio.
<b>Year Six</b>	create workspaces  Folder structure and storage  Referencing and crediting websites - what do we have rights to?	Scratch - Non games unit from STEM.org	Phishing, Keeping my data safe what should I share and what should I keep private? What happens to my data?		install a linux operating system	Use g-suite, animation, film-making document sharing and music technology in an end of term production