

EYFS KS1	Technology Enhanced Learning	Discreet Computing teaching		
	Within the wider the curriculum	Autumn	Spring	Summer
Year R	See Reception Termly Overview	Exploring sound  Making Marks	Toys and Machines  Finding Out	Images & Light  Programming Animations
Year 1	Use of Digital microscopes to explore objects and capture images Use of Stars to access spellings/homework/weblinks at home Use of Smart Notebook to sort objects Use of Early Essentials to create pictograms/bar charts Use of internet to access hyperlinks to websites to retrieve information Use of sound Apps to gather live data eg Too Noisy, iSeisometer, Decibel 10 <sup>th</sup>	Programming 'Human Computers'  Programming Animations  Creating Graphs  Sorting	E-safety/Starz -Creating an avatar -Using class chats -Using the Internet  -Programming Beebots	-Using and Creating Databases  -Using technology to communicate incl the use of Email.  -How things work-programming everyday devices
Year 2	Use of Starz to access spellings/homework/weblinks at home Explore a range of digital texts eg Use a range of tools to support the creation of digital texts eg word banks, talking word processors (Clicker 5, Word, Smart) Use of iPads to record photos/video Use of Log boxes to gather live data	E-safety ACE Bronze Part 1/2 (Identity & Communicating-blogs & chats)  Programming Games in Excel Programming onscreen Robots (Beebot)	Creating an interactive cookery book  Programming interactive games in 2 Create a Superstory	E-safety ACE Bronze Part 3 (Information) Sharing work in Starz (files and folders) Wordle to present ideas How the internet works-research for topic work, search engines, keywords Simulations

KS2	Technology Enhanced Learning	Discreet Computing teaching		
	within the wider curriculum	Autumn	Spring	Summer
Year 3	<p>Use of Starz to access spellings/homework/weblinks at home</p> <p>Explore a range of digital texts eg Use a range of tools to support the creation of digital texts eg word banks, talking word processors (Clicker 5, Word, Smart) Use of iPads to record photos/video</p>	<p>Virtual Toys Scratch</p> <p>Programming Animations in Scratch</p>	<p>Programming physical systems WEDO</p> <p>E-safety ACE SILVER 1</p>	<p>Simulations-how computers help us</p> <p>Interactive maps in Powerpoint</p>
Year 4	<p>Use search technologies and be discerning in evaluating digital content</p> <p>Use of iPads Pages, Book Creator, Popplet to present work</p> <p>Zu3D to create animated film</p> <p>Use of Excel to gather, manipulate and present data</p> <p>Use of Log box to gather live data</p>	<p>Programming Robots onscreen (Logo)</p> <p>Programming Animations in Scratch</p> <p>Esafty Silver 2</p>	<p>Sorting and Branching Tree work (Hyperlinks in Smart)</p> <p>Programming Music in Sonic Pi</p> <p>Intro to Raspberry Pis</p> <p>Esafty Silver 3</p>	<p>Simulation Traffic Lights</p> <p>Mission Control inputs and outputs</p> <p>Programming Physical systems using Scratch GPIO</p>
Year 5	<p>Use search technologies and be discerning in evaluating digital content</p> <p>Animations using stop motion (iPad)</p> <p>Prezi(online) and Keynote (iPad) to present work</p>	<p>Programming interactive games in Scratch</p> <p>ACE Gold 1</p> <p>How the internet works, search results etc</p> <p>Engage Live Safety session</p>	<p>Kodu Games (Rising Stars)</p> <p>Sonic Pi project to link in with topic/performance work??</p>	<p>Programming K'nex using Flowol</p> <p>Use of Excel to model scenarios</p> <p>Simulation software</p>
Year 6	<p>Use search technologies and be discerning in evaluating digital content</p> <p>Animations using stop motion (iPad)</p> <p>Prezi(online) and Keynote (iPad) to present work</p> <p>Use of Excel to model scenarios</p>	<p>Programming using Python</p> <p>Creating interactive books</p> <p>Engage Live Safety session</p>	<p>Pi project-controlling physical systems</p> <p>Esafty Gold 2/3</p>	<p>Python Project using the Raspberry Pis</p> <p>Gathering, presenting and using Data</p>

