

Computing Overview

IT - Information Technology
DL - Digital Literacy
CS - Computer Science

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Year 1	IT/DL - Introduction to computers - Recognise uses of IT outside of school - MS Word - Smart Learning - Dazzle 03	IT - Keyboard skills - Organise, store, retrieve and manipulate data - MS Word - 2Createastory	CS - Introduce Algorithms - Controlling a device - Write and test simple programs - BeeBots - Purple Mash	DL/eSafety - Communicate online safely and respectfully - Smartie the Penguin - Digiduck IT/CS - Logical reasoning/Key information - Labelling and Classifying - MS Word	CS - Understand the use of algorithms / Coding - Purple Mash Coding	IT/DL/CS - Introduce network usernames/passwords - Recap Creating/ Saving/ Retrieving work - Keyboard skills - MS Word - Dazzle 03 - My World 3
Year 2	IT - Organise, store, retrieve and manipulate data - MS Word - 2CreateAStory - MS Publisher	IT/CS - Keyboard Skills - Write and test simple programs - Dancemat Typing - Roamer - BeeBots	CS - Introduction to SuperLogo - Use logical reasoning to make predictions - SuperLogo DL/eSafety - Smartie the Penguin - CEOP activities	IT/CS - Questions and answers - Logical reasoning - Guess the Number - Guess the Fruit - Guess Who - Smart Learning	IT - Creating pictures (Famous people/Artists/ Great Fire of London) - Dazzle 03	CS - Coding - Purple Mash Coding
Year 3	IT - Combining text and graphics - Microsoft Word - Microsoft Publisher IT - Typing Skills - Dancemat Typing	IT/DL/eSafety/CS - Communicate online safely and respectfully - Understand computer networks. - Introduce emailing - The Smart Crew - Hector's World - Purple Mash (email)	IT/DL/eSafety/CS ** (cont - 2 weeks)** - Purple Mash email IT/DL - Manipulating sound - Reinforce Internet safety - Compose World Play - SFS Kids (Internet) - Isle of Tunes	CS - Design and write programs to achieve specific goals, including solving problems - Scratch	CS - Write and test simple programs - Recap debugging - Algorithms - SuperLogo	IT/CS - Create Adventure Stories using hyperlinks - Microsoft Powerpoint
Year 4	IT - Writing for different audiences - Microsoft Word - Microsoft Publisher - Microsoft Powerpoint	IT - Writing for different audiences (World War 2 project) - Microsoft Powerpoint	DL/eSafety/CS - Use Internet safely and appropriately - Understand computer networks - Algorithms - Introduce Purple Mash Email - Kara and the Smart Crew - How the Internet works - Purple Mash (email)	IT/DL/CS - Branching databases - Ask Oscar - Internet - Buttons Branching database	CS - Design and write programs to achieve specific goals, including solving problems - Scratch	IT/DL/eSafety/CS - Use various media to save and use pictures sourced from the internet - Reinforce Internet safety - Discuss all tasks undertaken during Y4 and address any issues - Publisher - Child appropriate search engines