

Long Term Plan for Computing 2023 - 2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Owl	IT <i>Digital Cameras / iPads</i> Select and use technology for purposes	IT <i>Paint</i> Use a mouse pointer to create a firework pictures.	CS <i>BeeBots</i> Program physical robots and other remote-controlled devices	DL - E-safety <i>Smartie Penguin / Chicken Clicking- Jeanne Willis</i> Recognize that a range of technology is used in home and school		IT <i>Clicker 7</i> Recording of ideas using digital technology
Osprey	IT <i>Computer skills</i> Turning on, opening and logging off		DL Uses of IT beyond school	DL - E-safety Staying safe online, personal information and privacy, taking breaks from technology.	IT <i>Photography on i-pads.</i> Create, organise, store and retrieve digital content-	CS <i>Beebots/ Scratch Junior</i> Algorithms Testing simple programmes -
Falcon	CS <i>Scratch Junior</i> Understanding algorithms. Creating simple programs.		IT <i>Word</i> Saving, editing work, using a keyboard, manipulating digital content.	CS <i>Scratch Junior</i> Using logical reasoning, algorithms and debugging to create a program.		DL - E-safety Using the internet responsibly and safely. Using search engines.
Kestrel	CS <i>Scratch</i> Understand and use sequences and inputs (Animal Challenges)		IT/DL Use search technologies effectively, appreciate how results are selected and ranked	CS <i>Scratch</i> Understand and use sequences and inputs including the different amount of time things take (Conversation)	DL - E-safety Keeping information private, digital trails/footprints, cyberbullying and what it looks like.	
Merlin and Ravens	IT <i>PowerPoint</i> Creating new slides, presenting a wide range of information on various slides and animating these slides	DL - E-safety Reporting concerns about content and contact and un-acceptable behaviour.	CS <i>Scratch</i> Understand and use count-controlled loops (Toy Giveaway)	DL Begin to understand how computer networks can provide multiple services such as the World Wide Web		CS <i>Scratch</i> Understand and use infinite loops (Fish tank/Helicopter)

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Hawks	CS <i>Scratch</i> Understand and use infinite loops (Helicopter) ¹	DL Understand different types of networks including the internet and the world wide web.	IT <i>Excel</i> Understand the structure of spreadsheets, how to create graphs and how to use formulas	CS <i>Scratch</i> Understand and use conditional selection (Making choices)	DL - E-safety Recognise the positives and negatives of an online community and the rights and responsibilities that come with this	Computer Science Flowol ²
Eagle & Sea Eagle	CS <i>Scratch</i> Understand and use count-controlled loops (Toy Giveaway) ³			CS <i>Scratch</i> Understand and use infinite loops (Helicopter) ⁴	DL - E-safety Appropriate and inappropriate content, conduct and contact	IT <i>Web Design</i> Create a webpage, create a navigation path, understand copywrite and linking to other's content

¹ These objectives from previous year groups are being taught this year as the new computing scheme of learning is being implemented

² DT objective not Computer Science objective

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