EYFS ICT Skills					
Computing systems and networks To be able to use simple technology to find information relating to school topics To be able to recognise how technology is used at home and to understand how to use it responsibly. To understand that information can be taken from ICT sources, such as looking at photographs of their family on Tapestry.	Creating media To be able to paint a simple picture using ICT	Programming A To be able to programme the Bee-bots to follow a route	Data and information To be able to sort items according to different properties (colour, size etc)	Creating media To be able to use different technology to be able to take photos and film videos.	Programming B To be able to use the interactive whiteboard to complete learning games

EYFS ICT Knowledge					
Autumn term					
Computing systems and networks	Creating media To understand how to use an iPad to create a simple picture – firework picture.	Programming A To use a range of materials and objects to understand that they work in different ways for different purposes, for example, egg whisk, torch, other household implements, pulleys, construction kits – looking at old toys and old household items.	Data and information To understand and sort items according to their properties – sorting Autumn items according to their size	Creating media	Programming B To understand how to use ICT hardware to interact with age appropriate computer software (birth to 5) – ongoing use of software on IWB

Spring term					
Computing systems and networks To learn and understand ways to stay safe online – Safer internet day	**Creating media** To understand how to create content such as a video recording, stories, and/or draw a picture on screen (birth to 5) – take photos and films of the emergency services visits.	**Programming A**	**Data and information** To understand and sort items according to their properties – literacy work looking at different materials for a superhero cape, literacy work sorting adults according to who helps them in school. To understand and sort items according to if they are modern or from the past.	**Creating media**	**Programming B** To understand how to use ICT hardware to interact with age appropriate computer software (birth to 5) – ongoing use of software on IWB
Summer term					
Computing systems and networks To be able to use images, video clips, shared texts and other resources to bring the wider world into the classroom. Listen to what children say about what they see (developmental matters) To use the internet with adult supervision to find and retrieve information of interest to them (birth to 5)	**Creating media** To understand how to create content such as a video recording, stories, and/or draw a picture on screen (birth to 5)- take photos and films of the trip to the farm.	**Programming A** To be able to program a simple floor robot to make it move from one place to another. (Beebots)	**Data and information** To understand and sort items according to their properties – sort animals according to their habitats when looking at different countries	**Creating media** To develop digital literacy skills by being able to access, understand and interact with a range of technologies (birth to 5) – children to write their first name (or surname) on a word document	**Programming B** To understand how to use ICT hardware to interact with age appropriate computer software (birth to 5) – ongoing use of software on IWB

To be able to look at aerial views of the school setting, commenting on what they notice, recognising buildings, open space, roads and other simple features (developmental matters)					
Computing systems and networks	**Creating media**	**Programming A**	**Data and information**	**Creating media**	**Programming B**
What is this the foundation for? Year 1 will learn to recognise how technology in used in schools and understand how to use it responsibly.	What is this the foundation for? Year 1 will learn how to choose an appropriate tool in a program to create art, and making comparisons with working non-digitally.	What is this the foundation for? Year 1 will be able to write short algorithms and programs for floor robots, and predicting program outcomes.	What is this the foundation for? Year 1 will explore object labels, then using them to sort and group objects by properties.	What is this the foundation for? Year 1 children will be able to use a computer to create and format text, before comparing to writing non-digitally.	What is this the foundation for? Year 1 children will be able to design and program the movement of a character on screen to tell stories.

Vocabulary

iPad, interactive board, instructions, on, off, switch, backwards, forwards, sound, moving, buttons, collect, command, computer, count, equipment, keyboard, keys, monitor, mouse, movement, organise, phone, camera, remote, choices, create, internet, information, share, technology, website