

Computing Long Term Plan



	Autumn Term		Spring Term		Summer Term	
Nursery	Why Am I Special?	Why Are Leaves So Crispy?	How Does That Building Stay Up?	Are Eggs Alive?	Why Do Spiders Eat Flies?	How Many Colours in a rainbow?
	E-safety: using whiteboard safely	E-safety: getting permission to take photos	E-safety: using Purple Mash safely	Computer science: Beebot exploration	Computer science: Beebot exploration	E-Safety: on the internet
Reception	Marvellous Me	Let's Celebrate	Once Upon a Time	Things That Grow	Quests and Journeys	Oceans and Seas
	Digital literacy & E-safety: use of technology outside school Computer science: unplugged sequencing (Barefoot computing) Information technology: mouse skills/iPad camera skills	Digital literacy & E-safety: Managing information online (project Evolve) Computer science: Beebots Information technology: arrow keys, mouse skills, iPad camera skills	Digital literacy & E-safety: Copyright and ownership Computer science: Unplugged programming & Beebots Information technology: Number keys, keyboard skills – letter keys	Digital literacy & E-safety: Online bullying and online reputation Computer science: unplugged programming Information technology: keyboard skills – number keys	Digital literacy & E-safety: Privacy and security Computer science: Beebots Information technology: data handling/ iPad animation	Digital literacy & E-safety: Managing information online Computer science: plugged in programming (Codespark) Information technology: animation and keyboard skills
Year 1	Toys	To Infinity and Beyond	Fairy Tales and Forests	Animals Around the World	Dinosaurs	London
	Digital literacy & E-safety: Computing systems and networks – technology around us. E-safety: managing information online Information technology: mouse skills, keyboard skills	Digital literacy & E-safety: Privacy and security/copyright and ownership Computer science: Information technology: Creating media – digital painting	Digital literacy & E-safety: Online relationships/copyright and ownership Information technology: Creating media – digital writing	Digital literacy & E-safety: Online relationships Information technology: data and information – grouping data	Digital literacy & E-safety: Online bullying Computer science: Programming A – moving a robot	Digital literacy & E-safety: Online relationships Computer science: Programming B – introduction to animation

Year 2	Towers, Tunnels and Turrets	Winter Wonderland	Muck, Mess and Mixtures	The Scented Garden	Wriggle and Crawl	The Age of Discovery
	Digital literacy & E-safety: health, well-being and lifestyle/managing online information Computing systems and networks – IT around us	Digital literacy & E-safety: Privacy and security Information technology: creating media – making music	Digital literacy & E-safety: Copyright and ownership Computer science: creating media – digital photography	Digital literacy & E-safety: Online bullying Information technology: Data and information - pictograms	Digital literacy & E-safety: Online reputation Computer science: Programming A – robot algorithms	Digital literacy & E-safety: self-image and identity Computer science: Programming B – an introduction to quizzes

The School follow the National Centre for Computing Education lesson plans.

The school uses Project Evolve to teach the E safety.