



At our school we want to empower our children to be safe, confident users of computing technology. We aim for our children to be equipped with a range of computing skills and to be digitally literate with ideas that they can apply to a range of hardware and software.			
	Foundation Stage	Year 1	Year 2
<b>Technology all around us</b>	The children will be introduced to a variety of different pieces of technology that we use and will learn how to use them safely.	In year 1 the children will learn about different pieces of technology building on the vocabulary and skills that they learnt in foundation stage. They will link these skills and knowledge to technology they use at home.	In year 2 the children will apply their knowledge of different technology and identify how technology is used in the wider community beyond school.
<b>Programming</b>	The children in Foundation Stage will begin to learn about sequencing through unplugged activities. They will be introduced to the coding robots and begin to use them as part of their continuous provision.	In year 1 the children will use their skills learnt in foundation stage and create programs with the coding mice. They will progress these skills by programming on Scratch Jr.	In year 2 the children will continue to learn different programming skill on Scratch Jr and will progress to designing and creating their own programs using all the programming skills they have learnt which they will then evaluate.
<b>Digital creators</b>	The children will have access to a range of apps that enable the children to create a range of digital content such as art, photos and recordings. They will be taught how to responsibly take photos on the tablets.	In year 1 the children will continue to develop their photography skills learnt in foundation stage, with a continuing link to online safety.	In year 2 the children will apply their learnt skills to create a stop-motion animation video using the tablets.
<b>Data handling</b>	Foundation Stage will begin to develop their understanding of data handling through unplugged sorting activities. They will sort objects by their properties such as colour and size.	The children will apply their prior learning of data handling to make pictograms unplugged and on digital devices.	In year 2 the children will apply their prior learning of data handling and pictograms to create
<b>Online safety</b> <small>For more information see the Project Evolve progression map.</small>	The children will learn about online safety every term. The strands they learn are: Online bullying; online relationships; copyright and ownership; self-image and identity; privacy and security; managing online information; online reputation; health, well-being and lifestyle	Learning in year 1 will build on that from the Foundation Stage. The children will develop further understanding of each strand of online safety. The strands they learn are: Online bullying; online relationships; copyright and ownership; self-image and identity; privacy and security; managing online information; online reputation; health, well-being and lifestyle	The children will build on their learning from Foundation Stage and year 1. The strands they learn are: Online bullying; online relationships; copyright and ownership; self-image and identity; privacy and security; managing online information; online reputation; health, well-being and lifestyle.

