We aspire for all at Parsonage Farm to feel valued and cared for, to have a continued excitement for learning, ensuring success as they journey onwards.

Year group	Subject area	E-Safety	Computer Science	Information Technology	Digital Literacy
Nursery		Appropriate use of technology	Show an interest in technological toys such as cameras, mobile phones, Beebots, iPads.		Completing drawing programmes
Reception		Chooses appropriate websites and games for their age. Ask an adult to help find information. Use devices carefully and appropriately. Managing the end of screen time appropriately for their age. Be kind to friends. Follow sensible e-safety rules.	Operate simple equipment. Demonstrate developing skill in using technological toys such as cameras, mobile phones, Beebots, iPads. Use Purple Mash programmes to enhance and support learning e.g. Phonics, Maths. Follow simple instructions and sequences.	Use iPads for a purpose e.g. to take photos.	Complete a simple program on a computer, using Purple Mash.
Year 1		Keep passwords private. Tell an adult if they don't like something or something worries them online. Be kind and polite online. Recognise an age-appropriate website.	Can think of a simple everyday algorithm. Read and follow a simple algorithm (symbols/arrows). Plan a simple algorithm (set of instructions) using symbols/arrows.	Show an awareness of the range of devices and tools they encounter in everyday life e.g. in shops, libraries. Show an awareness that what they create on a computer or tablet device can be shown to others via another device (eg printer, projector IWB).	Use a range of simple tools in a paint package to create/ modify a picture. (2simple). Use a keyboard to add simple words and captions. Save and print work.

		Begin to use Beebots and Scratch Junior to debug.		Choose suitable sounds from a bank to express their ideas. **2simple** Record short speech and sounds **Scratch Junior, microphones** Collect data on a topic (pets, eye colour etc). Present data in a simple pictogram. **2simple** As a class, use technology to collect information. Explore a website to find information.
	Follow sensible e-safety rules.			
Year 2	Explain why they need to keep passwords and personal information private. Talk about why they should only go online for a short amount of time. Talk about why it is important to be kind and polite online and in real life. Explain that not everyone is who they say they are on the Internet. Follow sensible E-Safety rules.	Explain what an algorithm is. Create a sequence of instructions (algorithm) to control a device using symbols/arrows. Program a series of instructions. Make predictions when programming devices, estimating distances and turns. With support, identify where in the algorithm bug/problems occur and debug.	Explain how technology is used in everyday life e.g. in shops, libraries. Use a range of inputs to a computer (IWB, mouse, touch screen, microphone, keyboard etc.)	Use a range of tools in a paint package to create/ modify a picture to communicate an idea. (**2simple**). Use technology to organise and present ideas in different ways. Enter and edit text. Save, print and retrieve work. Create a simple animation to tell a story **Stop motion animation** Compose music from icons. **2simple** Produce a simple presentation incorporating sounds the children have captured or created. **Scratch Junior**

				Use a graphing package to collect and organise data and answer questions. Begin to use and create simple branching databases and use to answer questions. Save, retrieve and edit their work. **2simple** Use a search engine to find specific, relevant information about a topic.