Bell's Brae Primary School   ICT Programme – First Level

	Experiences and Outcomes	Activities	Resources
Technological development in society	By exploring and using technologies in the wider world, I can consider the ways in which they help. TCH 1-01a	I can identify the helpful technologies that are available to me, both in the classroom and at home.	
		I can discuss with my peers and teacher how technology helps me, both in the classroom and at home.	
		I can explain and give examples with my peers and teacher how technology helps me, both in the classroom and at home.	
	Throughout all my learning, I take appropriate action to ensure conservation of materials and resources, considering the impact of my actions on the environment. TCH 1-02a	I can start up/log on and log off/shut down a computer independently. I can understand why I have to log off/shut down the computer after I have used it.	
		I can switch off/shut down all electronic equipment I have used. I understand that printing and colour printing uses valuable resources.	
		I use technology in an environmentally responsible way and can give reasons for doing so.	

This programme of work has been developed to ensure all learners are provided with activities that develop their ICT skills progressively. However, it is recognised that ICT is not purely a discrete subject but one which should be used to enhance learning in all areas of the curriculum by all staff.

ICT to enhance learning	As I extend and enhance my knowledge of features of various types of software, including those which help find, organise, manage and access information, I can apply what I learn in different situations. TCH 1-03a	I can access various educational resources using the interactive whiteboard (IWB) and computer.	Education City, TES iBoard etc.
		I can confidently use the interactive whiteboard (IWB) to play various educational games.	Education City, TES iBoard, Google Earth to calculate food miles
		I can identify the terms desktop, folders, programmes, my documents, my computer and tabs.	
	I can access, retrieve and use information from electronic sources to support, enrich or extend learning in different contexts. TCH 1-03b	I can go to specific websites with support to find answers to agreed questions.	
		I can go to specific websites independently to find information on a particular topic. I can log on to GLOW using my own personal username and password.	GLOW username and password for every pupil. E-portfolios to be set up by staff.
		I can use Google to search for a particular topic. I am beginning to select relevant information to use. I can navigate around the main areas of GLOW.	GLOW account for every pupil
	I explore and experiment with the features and functions of computer technology and I can use what I learn to support and enhance my learning in different contexts. TCH 1-04a	I can save and retrieve work, with support. I can independently print using the print icon.	
		I can independently save work into a created folder. I can independently retrieve my saved work. I can independently print using the drop down menu.	
		I can make a new folder and name it. I can name and save a document in my created folder. I can independently print using the drop down menu to alter the properties.	

This programme of work has been developed to ensure all learners are provided with activities that develop their ICT skills progressively. However, it is recognised that ICT is not purely a discrete subject but one which should be used to enhance learning in all areas of the curriculum by all staff.

	I can create, capture and manipulate sounds, text and images to communicate experiences, ideas and information in creative and engaging ways.	I can take photos or capture video using a digital or digi blue camera. I can record my voice. I can use kidpix and 2simple software to create images. I can select and insert clipart into my work. I can confidently highlight text to change size, colour and font.	Class digital camera Digi blue camera Microsoft word Tape recorder/microphone
ICT to enhance learning		I can justify and centre text. I can use bold, italics and underline functions. I can use the undo button. I can copy and paste using right click. I can create a Voki for my GLOW e-portfolio with support. I can upload documents, images and video to GLOW following step-by-step directions.	GLOW Microsoft word Publisher
		I can cut, copy and paste using right click. I can use and insert wordart, autoshapes and text boxes. I can import a picture from the internet. I can create a simple slideshow using powerpoint. I can create a Voki for my GLOW e-portfolio and can add my voice using a microphone. I am beginning to become independent when uploading my work to GLOW.	Powerpoint Publisher Microsoft word Google images GLOW

This programme of work has been developed to ensure all learners are provided with activities that develop their ICT skills progressively. However, it is recognised that ICT is not purely a discrete subject but one which should be used to enhance learning in all areas of the curriculum by all staff.

Computing science contexts for developing technological skills and knowledge	I am developing my knowledge and use of safe and acceptable conduct as I use different technologies to interact and share experiences, ideas and information with others. TCH 1-08a	I am sensible when I use the technology around me. I understand that other people can see my work. I can record a simple message for an audience.	Talking photo album Talking tins Tape recorder
		I understand the term 'blogging'. I am aware of e-safety. I can use my GLOW e-portfolio to share my work with others, including parents/carers and others out with the school environment. I am beginning to comment on my peers' work, with support. I understand how to comment appropriately on the work of others. I can approve or reject the comments of others, with support.	GLOW
		I am aware of e-safety and follow simple safety measures. I regularly use my GLOW e-portfolios to share my work with others, including parents/carers and others out with the school environment. I can appropriately comment on my peers' work. I can approve or reject the comments of others.	GLOW Pupils could create e-safety poster/powerpoint presentation listing rules.
	I am developing problem solving strategies, navigation and co-ordination skills, as I play and learn with electronic games, remote control or programmable toys. TCH 1-09a	I can programme a Bee Bot to follow a specified route. I can use 'forward', 'back', 'left' and 'right' when describing a route.	Bee Bot Planned routes for pupils to follow Kent ICT Bee Bot games
		I can plan a route for the Bee Bot for others to follow. I can use 'North, South, East and West' as well as 'Clockwise and Anti-clockwise' when describing a route.	Bee Bot Kent ICT Bee Bot games

This programme of work has been developed to ensure all learners are provided with activities that develop their ICT skills progressively. However, it is recognised that ICT is not purely a discrete subject but one which should be used to enhance learning in all areas of the curriculum by all staff.

Craft, design, engineering and graphics contexts for developing technological skills and knowledge	I explore materials, tools and software to discover what they can do and how I can use them to help solve problems ~~and construct 3D objects which may have moving parts~~. TCH 1-12a	I can use a variety of software/equipment in the classroom.	IWB activities/games Education city GRID club 2simple calculators
		I can use variety of software/equipment in the classroom to help me answer questions.	Google Earth IWB activities/games Education City GRID Club Access to internet GLOW 2simple
		I can use variety of software/equipment in the classroom to help me answer questions and solve problems.	Google Earth IWB activities/games Education City GRID Club Access to internet GLOW 2simple
	I am developing interest, confidence and enjoyment in using drawing and colour techniques, ~~manually or~~ electronically, to represent ideas in different learning situations. TCH 1-15a	I can use kidpix and paint to create images.	Kidpix Paint
		I can use kidpix, paint and 2simple to create images.	Kidpix Paint 2simple
		I can manipulate an imported image from the internet using a picture editing software.	Google image Picture editing software

This programme of work has been developed to ensure all learners are provided with activities that develop their ICT skills progressively. However, it is recognised that ICT is not purely a discrete subject but one which should be used to enhance learning in all areas of the curriculum by all staff.