	Experiences and Outcomes	Activities	Resources
Technological development in society	When exploring technologies in the world around me, I can use what I learn to help to design or improve my ideas or products. **TCH 2-01a**	I can use Word to create a draft copy of a leaflet. I can redraft a piece of writing that includes a border and picture	Word Publisher E-portfolio Publisher E-portfolio PowerPoint Word Video cameras
		I can use Publisher to produce a leaflet. I can independently create and upload a piece of writing to my E-portfolio.	
		I can continue to build on my skills using Publisher, PowerPoint and Word. I can independently create a video and upload it to my E-portfolio.	
	I can investigate how an everyday product has changed over time to gain an awareness of the link between scientific and technological developments. **TCH 2-01b**		
		I can understand the development of technologies from Victorian times to the present day.	http://www.ers.north-ayrshire.gov.uk/ers/ersprimary/ers_primary_alltopics.cfm http://www.history-timelines.org.uk/events-timelines/12-technology-timeline.htm
		I have knowledge of the technologies used in the Second World War and can describe how these have evolved into what we have today.	
	Having analysed how lifestyle can impact on the environment and Earth's resources, I can make suggestions about how to live in a more sustainable way.**TCH 2-02a** I can investigate the use and development of renewable and sustainable energy to gain an awareness of their growing importance in Scotland or beyond. **TCH 2-02b**	I can use Excel to create a bar graph to show water usage in my home. I can use information from the internet to inform my opinion about sustainable energy in Shetland.	Excel Homework template http://www.sheap-ltd.co.uk/ http://www.vikingenergy.co.uk/ http://move.shetland.org/renewable-energy http://www.shetlandrenewables.com/
		I can make suggestions on how the school can become more sustainable. I can upload work to my E-portfolio without producing a paper copy.	E-portfolio http://www.ecoschoolsscotland.org/ Environmental websites such as Greenpeace.

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		I can research one type of renewable energy and report to the class I can use Publisher to produce a leaflet on one type of Renewable Energy.	http://www.sheap-ltd.co.uk/ http://www.vikingenergy.co.uk/ http://move.shetland.org/renewable-energy http://www.shetlandrenewables.com/ http://www.scottishrenewables.com/ Publisher
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 / TCH 2-03a*	I can organise My Documents so my work is easily accessible. I can arrange my E-portfolio using tags for each curricular area. I am becoming familiar with Glow. I can bookmark webpages on Internet Explorer to manage and access useful websites.	E-portfolios Glow Internet Explorer
		I can create folders to organise My Documents. I am becoming confident uploading documents and pictures to my E-portfolio independently. I can use Glow confidently. I can organise my bookmarked Favourites into specific folders.	E-portfolio Glow Internet Explorer http://www.everyschool.co.uk/ict-key-stage-2-internet-research.html Google, Yahoo, Ask Jeeves
		I can create folders to organise My Documents. I am becoming more reflective in my E-portfolio posts. I can confidently upload documents, pictures and videos to my E-portfolio independently. I can use Glow confidently.	E-portfolio Video cameras Digital cameras Glow
	Throughout all my learning, I can use search facilities of electronic sources to access and retrieve information, recognising the importance this has in my place of learning, at home and in the workplace. *TCH 2-03b*	I can discuss appropriate key words to use when searching on the internet. I can use Google and other search engines to complete a variety of tasks. I am beginning to understand that some websites are not reliable or accurate.	http://www.everyschool.co.uk/ict-key-stage-2-internet-research.html Google, Yahoo, Ask Jeeves http://www.eduplace.com/kids/usingweb/g6-8.html
		I can use advanced search options when using a search engine. I can use Google and other search engines to complete a variety of tasks. I am able to assess the reliability and accuracy of a website. I am beginning to assess the reliability and accuracy of a website.	
		I can continue to use advanced search options when using a search engine.	http://www.everyschool.co.uk/ict-key-stage-2-internet-

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		I can use Google and other search engines to complete a variety of tasks.	research.html
		I am able to assess the reliability and accuracy of a website.	Google, Yahoo, Ask Jeeves
	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 / TCH 2-04a** *I can create, capture and manipulate sounds, text and images to communicate experiences, ideas and information in creative and engaging ways.* **TCH 1-04b / TCH 2-04b**	I am developing my keyboard skills using specific software. I can use the tabs in Internet Explorer to manage my webpages. I can take a photo using a digital camera and upload it to My Documents. I can upload a document, photo and a video into my E-portfolio with some support. I can format pictures, tables and textboxes for a specific purpose. I can use PowerPoint to create a slideshow that includes pictures and sounds. I can access Glow using my own personal username and password.	http://www.bbc.co.uk/schools/typing/ http://tux4kids.alioth.debian.org/tuxtype/index.php http://www.learninggamesforkids.com/keyboarding_games.html Internet Explorer Digital Cameras E-portfolios PowerPoint Glow
		I am continuing to develop my keyboard skills using specific software. I can use Google Maps, images, videos and YouTube to enhance my learning. I can take a photo using an Ipad and upload it to My Documents/E-Portfolio. I can upload a document, a photo and a video into my E-portfolio independently. I am continuing to develop my formatting skills in Word. I can use PowerPoint to create a slideshow that includes pictures and sounds and animation.	http://www.bbc.co.uk/schools/typing/ http://tux4kids.alioth.debian.org/tuxtype/index.php http://www.learninggamesforkids.com/keyboarding_games.html www.youtube.com Ipad Internet Explorer Digital Cameras E-portfolios PowerPoint Glow Word
		I am continuing to develop my keyboard skills using specific software. I can use Google Maps, images, videos and YouTube to enhance my learning. I can take a photo using an Ipad and upload it to My Documents/E-Portfolio. I can film a short video and upload it to the Bell's Brae website with some support. I can edit a short film using a video editing programme. I can upload a document, a photo and a video into my E-portfolio independently.	http://www.bbc.co.uk/schools/typing/ http://tux4kids.alioth.debian.org/tuxtype/index.php http://www.learninggamesforkids.com/keyboarding_games.html www.youtube.com Bell's Brae Website Internet Explorer Google

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		I am continuing to develop my formatting and editing skills in Word e.g. show/hide, line spacing, margins etc. I can use PowerPoint to create a slideshow that includes pictures and sounds, video clips and animation.	Ipad Digital Cameras E-portfolios PowerPoint Glow Word Video cameras Digital cameras Movie Maker
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 / TCH 2-08a**	I am aware of what personal information I can share on the internet. I can blog using my E-portfolio appropriately. I can email my partner school from my Glow account.	http://www.kidsmart.org.uk/ http://www.bbc.co.uk/newsround/13908828 E-portfolio Glow mail
		I am aware of what personal information I can share on the internet. I understand the SMART rules of internet safety (Safe, Meeting, Acceptable, Reliable, Tell) I can blog using my E-portfolio appropriately. I continue to use my Glow email and can attach documents.	http://www.kidsmart.org.uk/beingsmart/ http://www.bbc.co.uk/newsround/13908828 E-portfolio Glow
		I am aware of what personal information I can share on the internet. I can apply and explain the SMART rules of internet safety to others (Safe, Meeting, Acceptable, Reliable, Tell). I can apply the SMART rules to other other aspects of technology such as mobile phones, social networking etc. I can blog using my E-portfolio appropriately and reflectively. I continue to use my Glow email and use more advanced mail features such as cc, forwarding and creating groups.	http://www.kidsmart.org.uk/beingsmart/ http://www.bbc.co.uk/newsround/13908828 E-portfolio Glow mail
	Using appropriate software, I can work collaboratively to design an interesting and entertaining game which incorporates a form of control technology or interactive multimedia. **TCH 2-09a**		
		I can create a simple game using appropriate software.	

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