

Copnor Primary School

Being a Computer Scientist in EYFS (birth to 5)



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0-3	3-4	WTS ELG	ELG	Links to Characteristics of Effective Teaching and Learning:
 I can anticipate repeated sounds, sights and actions, e.g. when an adult demonstrates an action toy several times. I show interest in toys with buttons, flaps and simple mechanisms and begins to learn to operate them. I seek to acquire basic skills in turning on and operating some digital equipment. I can operate mechanical toys I can play with water to investigate "low technology" such as washing and cleaning. 	 I know how to operate simple equipment, e.g. turn on CD player use a remote control, can navigate touch-capable technology with support. I can show an interest in technological toys with knobs or pulleys, real objects such as cameras, and touchscreen devices such as mobile phones and tablets. I can show skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images. I know that information can be retrieved from digital devices and the internet. I can play with a range of materials to learn cause and effect 	 I can complete a simple program on electronic devices. I can use ICT hardware to interact with age appropriate computer software. I can create content such as a video recording, stories, and/or draw a picture on screen. I can develop digital literacy skills by being able to access, understand and interact with a range of technologies. I can use the internet with adult supervision to find and retrieve information of interest to me. I can use talk to work out problems and organise my thinking and to explain how things work and why they might happen (C&L) I can use new vocabulary in different contexts (C&L) 	No ELG for Technology. Technology in the Early Years can mean: • taking a photograph with a camera or tablet • searching for information on the internet • playing games on the interactive whiteboard • exploring an old typewriter or other mechanical toys • using a Beebot • Make comments about what they have heard and ask questions to clarify their understanding (C&L-listening, attention and understanding) • Offer explanations for why things might, happen, making use of recently introduced vocabulary from stories, nonfiction, rhymes and poems (C&L-speaking)	 Showing a curiosity about objects, events and people Finding ways to solve problems Making links and noticing patterns in their experience Making predictions Developing ideas of grouping Key vocabulary: choices, internet, website, equipment, buttons, movement, screen, mouse, images, keyboard, technology, laptop, camera, computer, interactive, software, find, search, record, photograph, video



C&L = Communication and Language

PSED= Personal, Social and Emotional Development

PD= Physical Development

Lit= Literacy

Maths = Maths

EAD = Expressive Arts and Design

UTW = Understanding the World

