



KEY SKILLS / KNOWLEDGE IN **COMPUTING** - EYFS



	Cubs 2-3 years	Bears 3-4 years	Reception
Music and Sound (Information technology)	<p>*To anticipate repeated sounds, sights, and actions.</p> <p>*To show care for technological toys.</p>	<p>I can show an increasing interest in technological toys, and caring for these appropriately.</p> <p>I can make a sound on the technological toy.</p>	<p>I can explore a program that creates sounds.</p> <p>I can listen to music online and hear the instruments.</p> <p>I can use an ipad to record the sounds around them.</p>
Programming coding and controlling devices	<p>*I can show some awareness of a cause and effect.</p> <p>*I can show an interest in low technology.</p>	<p>I can operate a programmable toy by pressing a button.</p> <p>I can tell you what they did to make it work.</p> <p>I can tell you how to power an iPad on and off.</p>	<p>Use a range of controllable toys and know which the best is for its purpose.</p> <p>Begin to debug a problem if they make a mistake.</p> <p>To use programmable toys to support their learning.</p> <p>* To know how to operate simple equipment.</p>
Data Handling - Collecting, Analysing, Evaluating and Presenting Data (Information Technology)	<p>I can group objects by colour.</p> <p>I am aware of the iPad and what it might be used for.</p>	<p>I can use the mouse to select a program using a left click.</p> <p>I can group things and say how I have grouped them.</p> <p>*I know how to look after an iPad.</p>	<p>I can with support, use appropriate websites or locate small amounts of information</p> <p>I can use a graphing program to classify and group items/things.</p> <p>I know that a computer can be used to find information.</p> <p>I know there are rules concerning staying safe online.</p>

<p>Online Safety</p> <p>(This is integral to all lessons and thread through all subjects and is daily and co-incident.)</p>	<p>*I can close a program appropriately.</p>	<p>I can use the chant, 'switch it off, tell a grown' linked to online safety.</p>	<p>I know that if I find something I don't like on the computer I tell an adult.</p> <p>To know how to protect myself online.</p>
<p>Multimedia</p> <p>(information technology)</p>	<p>I am aware of the iPad and what it might be used for.</p> <p>I can copy an adult to use the IWB.</p>	<p>I can use a mouse to click on an item on a desk-top.</p> <p>I can show care and concern for all technology.</p> <p>*I can use the chant, 'switch it off, tell a grown' linked to online safety.</p>	<p>I can:</p> <p>Develop hand-eye co-ordination with the mouse.</p> <p>Click and select objects.</p> <p>Become more familiar with the left click of a mouse.</p> <p>Familiarise themselves with a keyboard.</p> <p>Be confident in their response to doubtful or inappropriate internet content.</p>
<p>Digital Imagery</p> <p>(information technology)</p>	<p>I can create marks using the whiteboard.</p> <p>I can explore basic programs on the whiteboard and iPads.</p>	<p>*I can create an image using technology.</p> <p>*I can click, drag and close a program.</p> <p>*I can make a technological toy move forwards or backwards.</p>	<p>I can understand there are a variety of tools in a graphics package.</p> <p>I can understand digital, still, video cameras and visualisers can capture an image.</p> <p>I can talk about the use of a paint package and their choice of tools.</p>