

Knowledge Organiser

Year 2 – Autumn Term – What is a Computer?

What I should already know	Key Knowledge				Key Vocabulary
<p>What a keyboard is</p> <p>How to move, click and drag a mouse.</p> <p>How to log in and out of a computer</p>	<p>What is a Computer?</p> <p>A computer is an electronic machine that accepts and processes information to produce an output, and then stores the results.</p>	<p>What is an input?</p> <p>An input is a way of telling the computer what you want it to do.</p>	<p>What is an output?</p> <p>An output is the information or data that is sent by the computer to an output device such as a printer or speakers.</p>	<p>Battery – A cell or connected group of cells that store electrical energy to power wireless devices.</p> <p>Buttons – Switches that you can press to control a device.</p> <p>Device – Equipment created for a certain purpose or job.</p> <p>Electricity – A type of energy, that is usually invisible, that can be made or stored and used to make devices work.</p> <p>Invention – A new device or process which solves a problem</p> <p>Keyboard – An input device made up of buttons that create letters, numbers, and symbols, as well as perform other functions.</p> <p>Monitor – A device that shows what is happening on the computer, such as videos, pictures and words.</p> <p>Mouse – A handheld device that is used to move things around on the computer screen.</p>	
<p>Things I need to know</p> <p>The names of some computer peripherals and their function.</p> <p>That pressing buttons on a computer causes an effects.</p> <p>That technology follows instructions.</p> <p>Recognise different forms of technology.</p>					
<p>This will help me in the future:</p> <p>To use computers more purposefully</p>					
<p>What is a Desktop Computer?</p> <p>A desktop computer is a large computer that stays in one place usually on a desk. It uses a tower computer and needs a mouse, keyboard and monitor.</p>					<p>What is a Laptop Computer?</p> <p>A laptop computer is a compact, folding computer that is easy to carry and move around. It does not need an extra mouse, keyboard and monitor</p>

		because they are all built in.			<p>Technology – Using scientific knowledge to help us to create new devices or tools</p> <p>Wire – A long, thin and flexible piece of metal protected by a plastic coating. Electrical wire is used to carry electricity.</p>
	<p>What is a tablet computer?</p>	<p>A tablet computer is a thin and light computer that can be carried around like a book. It doesn't need a keyboard or mouse because you press on the screen with your finger instead.</p>			