

Summer Term, Year 2, Computing, What is a computer?

Subject specific Vocabulary		Images/Diagrams/Maps	Important Knowledge
Battery	A call or connected group of cells that store electrical energy to power wireless devices		The difference between a desktop and a laptop computer. People control technology. Some input devices that give a computer an instruction about what to do (output). Computers often work together.
Buttons	Switches that you can press to control a device		
Computer	Electronic machine that accepts and processes information to produce an output, and then stores the results		
Desktop	A tower computer that needs a mouse, keyboard and monitor, that stays in one place		
Device	Equipment created for a certain purpose or job		
Electricity	A type of energy, that is usually invisible, that can be made or stores and used to make devices work		
Input	A way of telling the computer what you want it to do		
keyboard	An input device made up of buttons that create letters, numbers and symbols as well as perform other functions		
Laptop	A compact computer that is easy to carry and move around		
		Writing/Provision/ Enrichment opportunities	
		Leaflet about computers and how they work Poster about what a computer is Instructions on how to use a computer	

technology			
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Presentation	Assessment		
1	To recognise the parts of a computer.	Confidently naming the peripherals: screen, keyboard and mouse and understanding the function of each of the parts. They should also be able to spot peripherals on different types of computers	Suggesting how to control a computer that doesn't have the same peripherals, e.g.: a tablet
2	To recognise how technology is controlled.	Recognising that buttons cause effects and that technology follows instructions	Suggesting how we know technology is doing what we want it to, e.g.: outputs
3	To recognise technology.	Recognising different forms of technology beyond laptops and tablets; suggesting what the technology does (after observing it); explaining why think something is technology	Giving a more detailed explanation about what different technology does
4 5	To create a design for an invention.	Including inputs and/or outputs as part of their invention and suggesting how an invention works.	Adding clear labels and explanations to their design