



DT	Year 5
Focus: Electrical Circuits and Control including Computer Control	
Age related DT vocabulary	

End User- The ultimate consumer of a finished product	Connector Block— Connecting one device to another e.g. wires/ Bluetooth	Electrical— A device that uses a flow of charged particles
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<p>Key knowledge</p> <p><u>Investigate and evaluate</u></p> <p>New technology in the classroom offers tools for student learning and success.</p> <p>Each device has its usefulness to make classroom instruction smarter and students more eager to learn.</p> <p>The use of technology is an asset that aims to improve the way teachers instruct and students succeed in learning. When used wisely, tech motivates, connects and empowers.</p> <p><u>Focused task</u></p> <p>Micro:bits are a tiny pocket-sized computer that allow you to learn basic coding and programming skills</p> <p>To programme a micro:bit, you simply need to connect it to the computer and add some simple lines of code to create the device you want.</p> <p>The micro:bit can be programmed to do a number of different things.</p> <p><u>Design and make product</u></p> <p>A prototype is a first version of a device from which other forms are developed</p> <p>A series circuit has all the components arranged in a single electrical path</p> <p><u>Evaluating</u></p> <p>It is important to consider the views of others on your product to gain an insight into how it</p>
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DT	Carlton Assessment Grid			
	Success Criteria	Pupil Reflection		Teacher Assessment
I can understand how key events and individuals in DT have helped shape the world.	Before <input type="checkbox"/>	After <input type="checkbox"/>		
I can develop prototypes to develop my ideas	Before <input type="checkbox"/>	After <input type="checkbox"/>		
I can explain my product and its use of a series circuit and other components	Before <input type="checkbox"/>	After <input type="checkbox"/>		
I can create a product that uses a range of components including a series circuit	Before <input type="checkbox"/>	After <input type="checkbox"/>		
I can evaluate my product against my own design criteria	Before <input type="checkbox"/>	After <input type="checkbox"/>		