



DT – Assessment – LKS2 Year B



<u>Unit</u>	<u>Key Learning</u>	<u>Teacher Comments</u>	<u>Pupils working above – next steps</u>	<u>Pupils working just below – next steps</u>	<u>Pupils working below – next steps</u>	<u>% on track or above</u>
<u>Electrical Systems</u>	<u>Substantive – Declarative Knowledge – Know what</u> Electrical Systems Develop vocabulary related to the project. Incorporate a circuit into a model. Use electrical components such as switches, LEDs and buzzers. Create products that use electrical circuits. Use ICT to control products.					
	<u>Substantive – Procedural Knowledge (Know how)</u> Investigate Investigate similar products to the one to be made to give starting points for a design. Research the needs of the user. Draw/sketch existing products to analyse and understand how products are mad Design Use prototypes to develop and share ideas. Consider aesthetic qualities of materials chosen. Use CAD where appropriate. Make					



	Select from materials according to their functional properties. Use appropriate finishing techniques. Select from techniques for different parts of the process. Evaluate Consider and explain how the finished product could be improved. Discuss how well the finished product meets the user's design criteria.					
	<u>Disciplinary Knowledge (Think like)</u> Mechanical Use appropriate technical vocabulary for tools materials and their properties. Incorporate a circuit into a model.					
	<u>Essential vocabulary</u> – electrical systems, switch, bulb, buzzer, motor, circuit					



