



DT – Assessment – LKS2 Year A



<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>Structures – Shell/Frame Structures</u>	<u>Substantive – Declarative Knowledge – Know what Structures</u> Develop vocabulary related to the project. Create shell or frame structures. Strengthen structures e.g. with diagonal struts. Make structures more stable by giving them a wide base. Understand how to reinforce structures.					
	<u>Substantive – Procedural Knowledge (Know how)</u> Investigate Draw/sketch existing products to analyse and understand how products are made. Investigate similar products to the one to be made to give starting points for a design. Research the needs of the user Design Record the plan by drawing using methods such as annotated sketches. Think ahead about the order of their work and decide upon tools and materials. Use prototypes to develop and share					



	Make Select from techniques for different parts of the process. Select from a range of tools for cutting, shaping, joining and finishing. Select from materials according to their functional properties. 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> Structures Strengthen structures using techniques such as diagonal struts or lamination. Use appropriate technical vocabulary for tools materials and their properties.					
	<u>Essential vocabulary – shell structure, frame structure, struts, dowel, base</u>					



