



DT – Assessment – KS1 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>Wheels and Axels</u>	<u>Substantive – Declarative Knowledge – Know what Mechanical</u> Try out different axle fixings and their strengths and weaknesses. Use a range of materials to create models with wheels and axles e.g. tubes, dowel, cotton reels.) Make vehicles with construction kits which contain free running wheels. Use joining techniques appropriately for different materials and situations e.g. glue, tape.					
	<u>Substantive – Procedural Knowledge (Know how)</u> Investigate Explore existing products and investigate how they have been made (including teacher-made examples) Decide how existing products do/do not achieve their purpose. Design Use drawings to record ideas as they are developed. Add notes to drawings to help explanations Use mock-ups e.g. recycled material trial models to try out their ideas. Make Discuss their work as it progresses.					



	Select and name the tools needed to work the materials. Explain which materials they are using and why. Describe what they need to do next Evaluate Say what they like and do not like about items they have made and attempt to say why.					
	<u>Disciplinary Knowledge (Think like)</u> Mechanical Attach wheels to a chassis using an axle.					
	<u>Essential vocabulary –</u> Axle, wheel, vehicle, fixings, chassis					



