



DT – wheels and axles

Prior Learning		Concepts
<ul style="list-style-type: none"> Investigate fixed axles and rotating wheels on toy cars making a simple lever and pivot, they can start to create movement using several levers attached to a linkage system. Opportunities to practise different joining techniques before completing final piece 		<p>Wheels are attached to a vehicle using an axle</p> <hr/> <p>The wheels of a vehicle can be attached using a fixed or rotating axle</p>
Key Vocabulary		Images, icons and maps.
Pivot	To go around	 <p>Axle holder made with pegs.</p> <p>Axle holder using cardboard triangles</p>  <p>Axle held in place by a straw.</p>
Levers	A lever is a simple machine	
Fixed axle	The axle stays in place	
Rotating axle	The axle turns around	
Research	To find out ideas	
Evaluate	To decide what has worked well and what could be improved	
Purpose	What you are going to make and what it will be for	
Key Facts		
A wheel and an axle is a type of simple machine.		
A wheel has a rod, or axle, running through it.		
A wheel can be found in many objects including a fishing rod, bike, scooter, toys, vehicles and pushchairs		
An axle holds the wheel onto the object this can be fixed in place or turn around		