



wheel/s



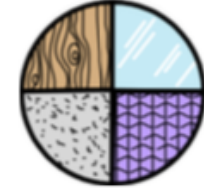
axle/s



component/s



vehicle



material



tools



Design & Technology



construct



design



stick



cut



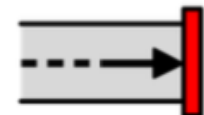
join



evaluate

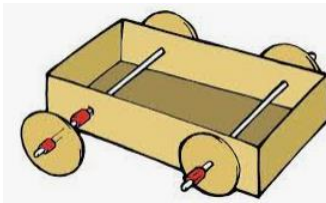

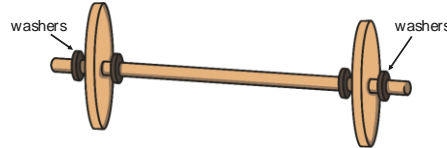
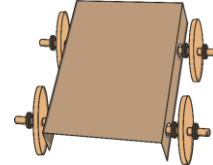


redesign



finish

D&T - Mechanisms: Y2 Topic Vocabulary Mat

Subject Specific Vocabulary		Relevant Pictures		Exciting Books/Websites	
mechanisms	A device used to create movement.	 		Wheels and Axles / Science for Kids: https://www.youtube.com/watch?v=ndT35aqDfAQ Design and Technology (D&T) BBC Teach: https://www.youtube.com/watch?v=iL3-eTwWBw	
wheel/s	A circular object that revolves on an axle and is fixed below a vehicle or other object to enable it to move easily over the ground.	Other information			
axle/s	A bar or shaft on which a wheel or wheels turn				
component/s	Different parts of the mechanism and of the product as a whole.	<div>Wheels and Axles</div> <p>On toy cars, if a wheel isn't directly attached to an axle, it will need to be secured in place so it doesn't move from side to side.</p> <p>If you are making your own toy car, wheels can be secured with a washer on either side. You could even use small pieces of modelling clay either side of the wheel if you don't have any washers.</p> 		<div>Wheels, Axles and Chassis</div> <p>An axle needs to be attached to the chassis (said 'shah-see'). A chassis is the frame upon which the rest of the vehicle is built.</p>  <p>In this picture, the chassis is an upside down shoebox lid. Holes have been made on each side of the box and the axles have been threaded through.</p>	
vehicle	A moving object for the purpose of travel.	What I've Learnt Already		Key Knowledge	
material	components to be made of suitable material for performance and durability (wear and tear)	<u>Y1:</u> <ul style="list-style-type: none">Different mechanisms produce different types of movement.Products are designed for users based on criteria;for a moving toy, the mechanism should work smoothly and make the right type of movement.		<ul style="list-style-type: none">A mechanism is a device used to create movement.	
tools	A selection of equipment suitable for performing tasks making use of a material.			<ul style="list-style-type: none">The difference between fixed and freely moving axles.	
construct	To build or to make.			<ul style="list-style-type: none">Components are needed to construct a moving vehicle.	