



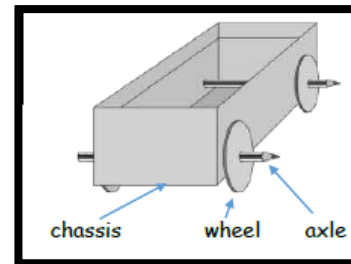
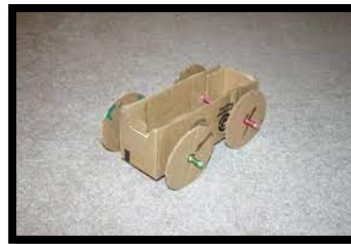
Moving vehicles with wheels and axels

The design and making process:

<p>Research: Look at a product to see how it has been made. Explore the features of the product. Discuss what is good about the product etc.</p>	<p>Skills: Practise and learn new skills to make the final product.</p>	<p>Design: Design the product using knowledge from research and skills learned.</p>	<p>Technical knowledge Build structures, exploring how they can be made stronger, stiffer and more stable. Explore and use mechanisms in their products.</p>	<p>Make Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. Select from and use a wide range of materials and components.</p>	<p>Evaluate Evaluate their ideas and products against design criteria. Answering questions what I would do differently if I were to make it again? Can I improve the design next time? What went well? What were the challenges? etc.</p>
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Key Vocabulary

axle - a rod that enables a wheel to turn
cab - where the driver sits to control the vehicle
chassis - the base on which a vehicle is built
dowel - wooden rod used for making the axles
mechanism - part of a machine that has a particular function



Links: https://www.youtube.com/watch?v=q7c2j2MzD_E

<https://www.youtube.com/watch?v=Stv3UH2ZIGk>

<https://www.youtube.com/watch?v=3JM8XCmNhIE>

<https://www.youtube.com/watch?v=WPf1IKuzgYs>