

Activity	<u>How to transport goods around safely</u>
<u>1</u>	<p>When working in hospitals, schools and care homes, staff have lots of equipment that needs to be transported from one place to another. Can you design a mode of transport that they can use to move the equipment around?</p>
2	<p>You need to consider what is needed from a good trolley to transport equipment.</p> <p>If you have trolleys at home e.g. a shopping basket or wheelie basket, study them as well as going online and researching what carts and trolleys look like.</p> <p>Draw or print what you find and evaluate it by annotating the picture to say what is good and what won't work for your needs.</p> <p>Think about</p> <ol style="list-style-type: none"> 1)What has it got to carry? Bed linen, books, medical records, food, cleaning equipment? 2)How do these trolleys cope with this? 3)How will you make them move? 4)How will they manoeuvre around obstacles? 5)How will you make sure that they are sturdy? 6)How will you make sure that they are easy to clean? 7)What will you make it out of?
3	<p>Design your own trolley.</p> <p>A good design needs to answer the questions that you looked at last week and any that arose from your investigation.</p> <p>Draw the front, back and sides of the trolley.</p> <p>Annotate the trolley to answer the questions from the week before.</p> <p>Explain what material you used and how you joined it; how it moves; how you will keep the different pieces of equipment separate and clean.</p>
4	<p>Make your trolley -</p> <p>It doesn't have to be life size - a working model will be fine.</p>
5	<p>Try the model out- does it work the way you intended?</p> <p>Evaluate if it answers the questions that you asked.</p> <p>Does it carry the equipment?</p> <p>Can it be easily moved and pushed?</p> <p>Can you clean it easily?</p> <p>Is it sturdy enough for the job?</p>

	Use the evaluation to alter your design explaining why and what you would change.
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