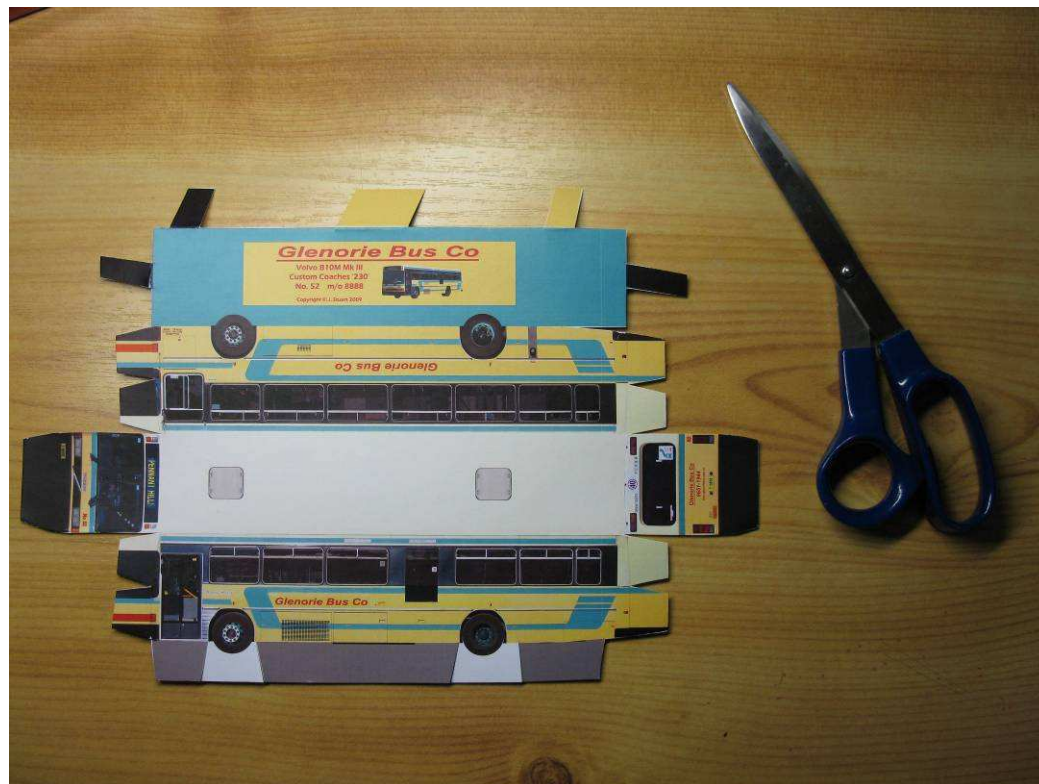


# Instructions for assembling Mr Bean's cardboard bus models

1. Start by printing out the cardboard net at the size specified in the filename. Generally standard 2 axle buses are to be printed on A4 paper, and 14.5m or articulated buses on A3 paper. Of course you can choose to print at a different size but if you follow this rule, all your models will be in proportion to each other as they would be in real life.

*Image 1*

2. Use a gluestick (not a gluepen) to paste your printed sheet to a sheet of cardboard about 200gsm thickness. Apply glue to the entire sheet of cardboard and then stick the printed sheet of paper down on to it. Run your hands firmly over it so it sticks well but avoid smudging the print.



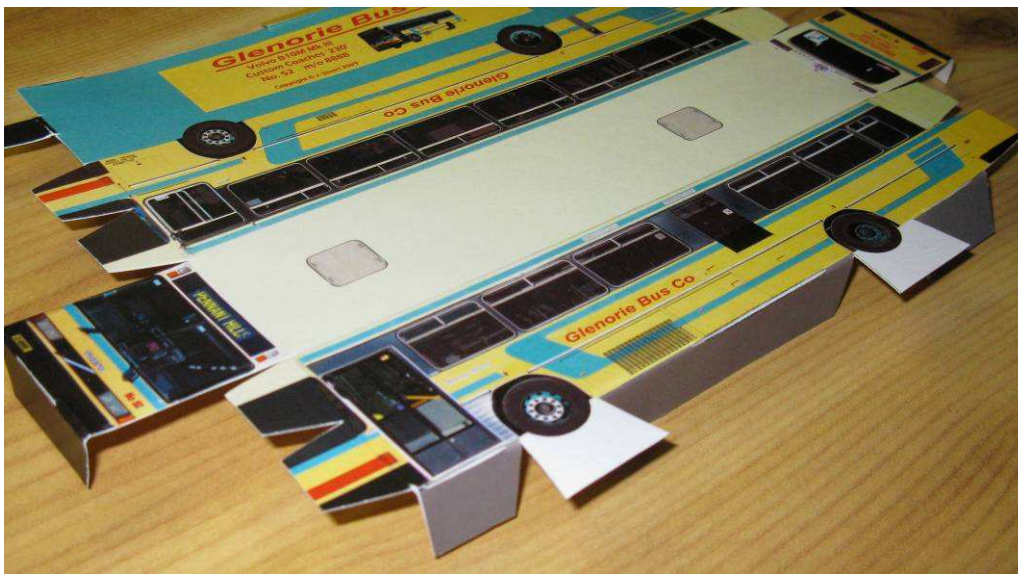
3. Next, cut around the model in the manner shown in Image 3. For the grey/white tabs shown at the bottom of the image, make a cut up between each section of grey/white (4 cuts in total) but don't make any other cuts around them at this stage.

*Image 3*

4. Use a stanley knife or carton cutter to make 5 'slits' on the model in the places marked by the red stripes. These should appear on your printed sheet as small black stripes although their visibility will vary depending on the background colours of the model you are doing. Be careful not to cut beyond the length of each line otherwise your model will not hold together.



Image 4



5. You will now be able to easily fold back the tab which corresponds to each slit you just made. Make a firm, neat fold as shown in Image 5.

Image 5

6. Next, use a pair of scissors (small nail scissors are best) to cut the white part from around the tyres on the nearside of the bus as shown.

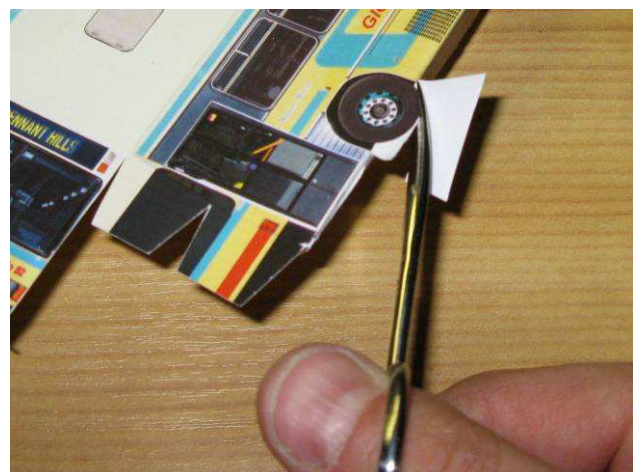


Image 6





7. Use a stanley knife or carton cutter to cut a square/trapezium around the tyres on the offside of the bus model as shown in Image 7. It doesn't have to be exact, just as long as you don't cut through the tyre.

Image 7

8. You can now make a sharp fold along the line joining the offside to the underside of the bus as shown in Image 8. The bits adjoining the tyres should be left unfolded and stick out as shown.



Image 8

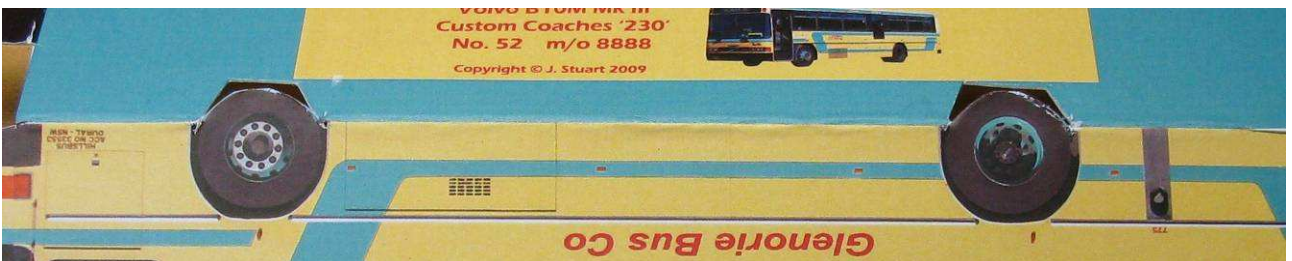
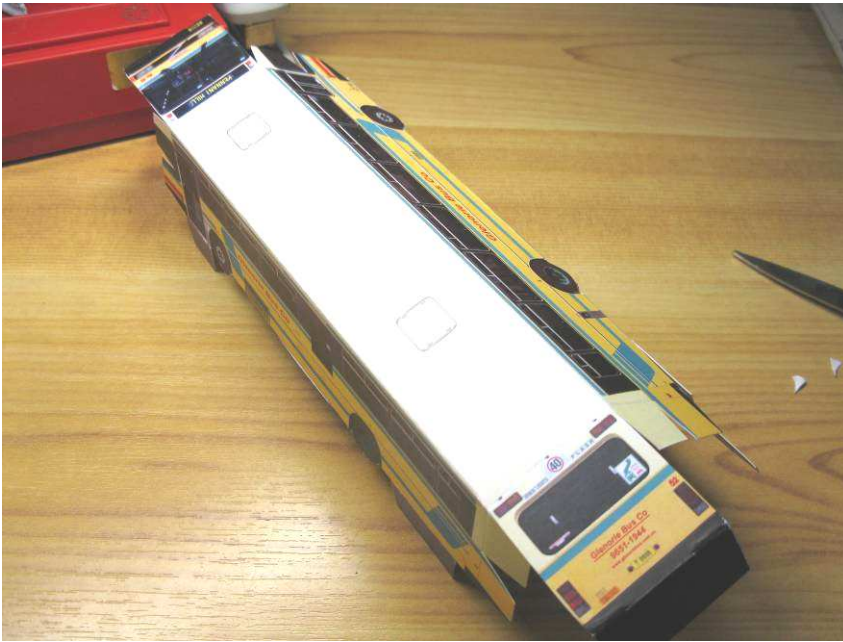


Image 9

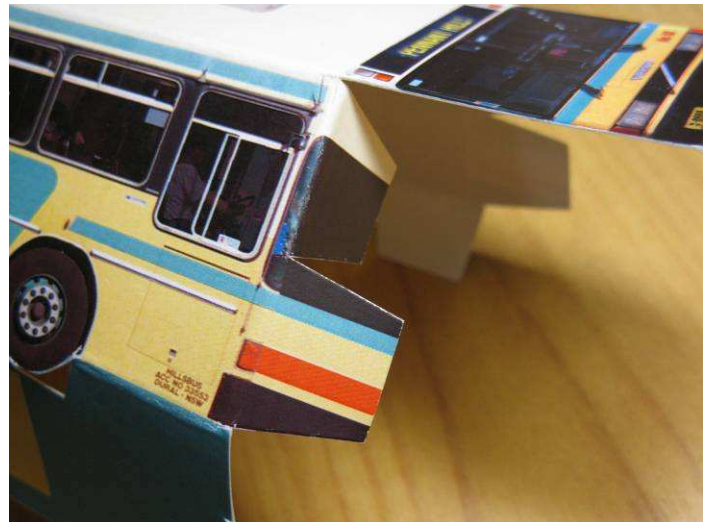
9. Now use your scissors again to cut the coloured bit off the tyre so you are left with two nice round semi-circles forming the tyres, similar to what you did in step 6. The result should look like Image 9.



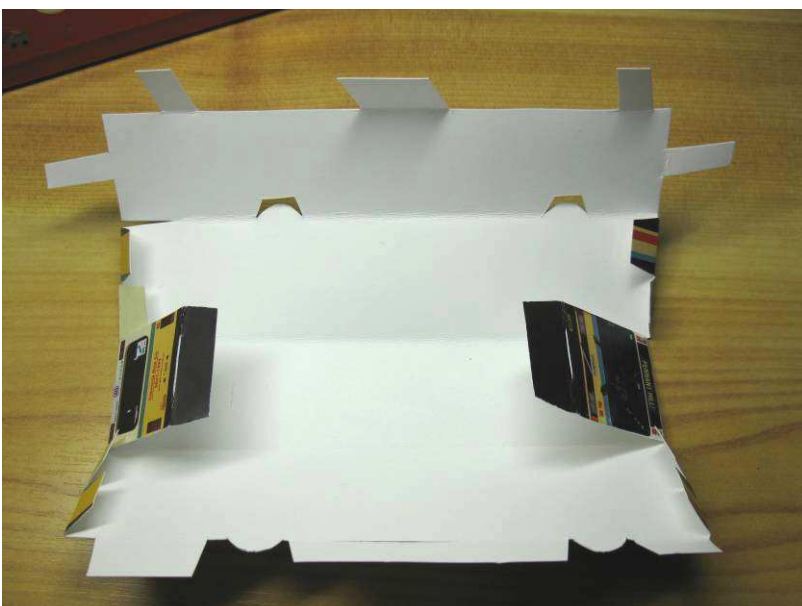
10. Now make sharp folds along the two rooflines of the bus as shown in Image 10.

*Image 10*

11. You now need to fold back all the little tabs as shown in Image 11. There are 8 of these across the model in total.



*Image 11*



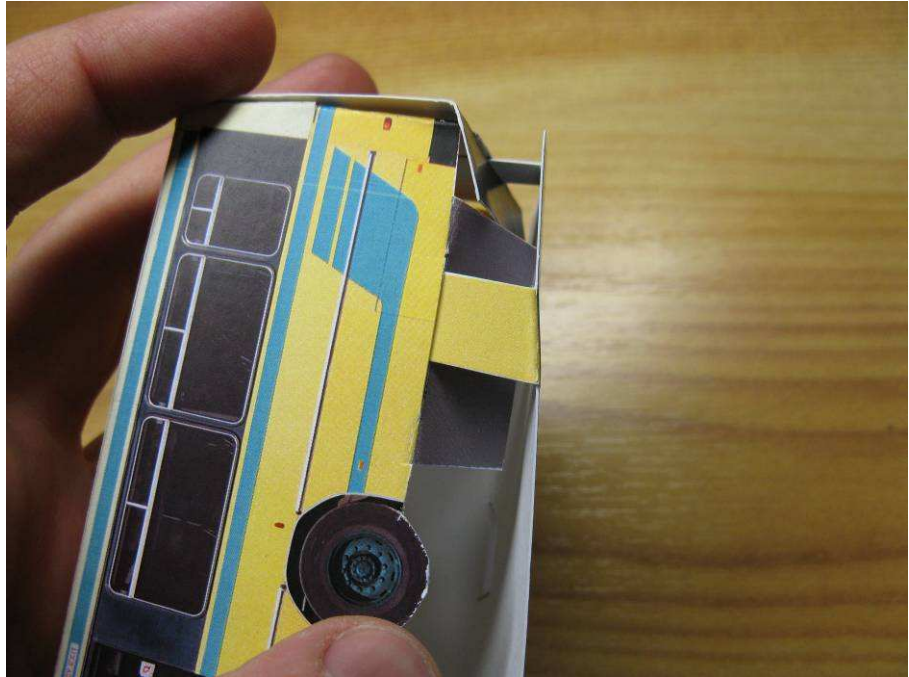
12. Next fold the front and rear of the bus model in along their respective rooflines as shown in Image 12. If you haven't already, make folds in the 5 tabs surrounding the bus underside (the ones at the top of Image 12).

*Image 12*



13. It should now be apparent how your bus model will slot together. The three tabs along one side of the bus fit into the three slits on the other side. The tab at either end does likewise. It is usually easiest to get the end tabs in first and then the three along the long side. You may need to use your fingers to work open the slits to make it easier for the tabs to go in.

*Image 13*



14. Your model should now be largely intact. Depending on how accurately you cut and folded, some twisting, bending, adjusting may be necessary to produce a nice regular shape which fits flat on the desk.

*Image 14*

15. You will likely notice a lot of white raggy bits where you made cuts, such as down the side of the windscreen in the bus in Image 14. You can use appropriately coloured markers to 'touch up' these scrappy edges as shown in Image 15. This will make your model look a lot more professional. Take a close look at the difference between Images 14 and 16 and you should be satisfied with the merits of taking this extra step. If you don't have coloured markers at least using a black marker will make a world of difference, especially around the windscreen, along the nearside bottom and around the tyres.



*Image 15*



Image 16

16. If your bus has air conditioning you can print out the corresponding air conditioner file and assemble that as well. Because the aircon unit is so small there's no need to paste to cardboard. Just print out, cut one of them from the sheet and cut neatly around the aircon unit and its tabs. Fold along the relevant lines to make a 'box shape' and fold the tabs down underneath. The tabs should together form a complete base which you can deftly hold in shape and slap a piece of sticky tape on to hold them together. Then use double sided tape or glue to affix it to the correct position on the roof. This step is extremely fiddly and may take several goes until you get it right. You have a whole sheet of aircon print outs so don't be afraid to practise until you produce one which is nice.

I hope you are satisfied with your model bus.