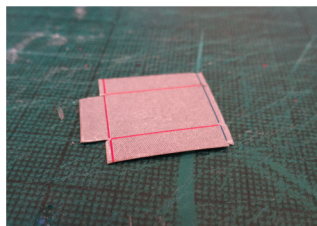


Rhogydd Rubbish Wagon

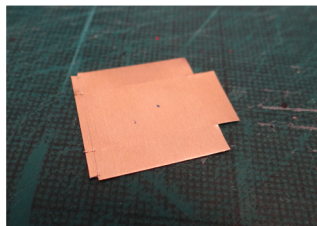
Instructions for completing PRW-014

1



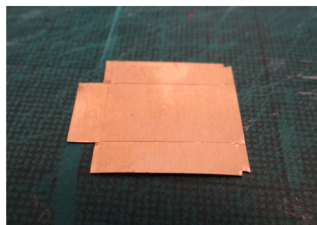
Using a glue stick gently attach the cut out part of this sheet to a piece of 0.12mm brass sheet. Cut the parts from the sheet using tin snips or strong scissors (don't use serrated blades).

2



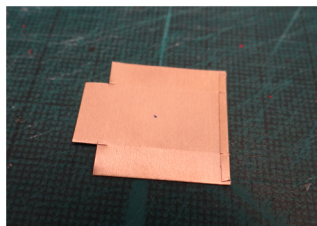
The next step is to score the metal for each of the fold lines. Red lines fold towards you so need to be scored through the printed template. The blue line folds away from you so needs to be scored from the metal side using the outline of the part to guide the line.

3



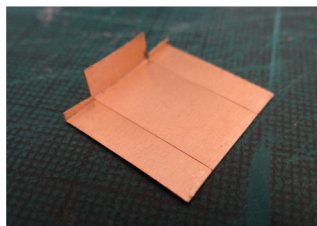
Once all the lines have been gently scored remove the template and clean the brass to remove any remaining glue. This is important otherwise paint won't adhere properly to the surface.

4



We start the folding following the blue fold. The three end parts need to be completely folded back on themselves. I suggest folding at 90 degrees using a Hold-and-Fold (or similar) before gently bending the parts the full 180 degrees.

5



With the folded over parts facing downwards start by folding the middle flap upwards through 90 degrees. Now fold the two outer flaps upwards as well. Note that the three flaps don't share a fold line. The outer flaps fold slightly further along the side than the middle flap.

6



Next fold the two sides so that the smaller flaps are positioned on the inside of the folded up end.

7



Finally you need to either solder or glue the two small flaps to the inside of the end to complete the upper body. I prefer to use solder but superglue will work just as well. Rivet details can be added using Archer transfers if required. I would suggest painting before using superglue to combine with the 3D printed underframe to complete the model.



Waste slate was moved to the waste dumps in slate quarries in open ended rubbish trucks. These trucks were simply tipped, with the hind wheels raising up off the track, to empty.

This specific model is based on the wagons used at the Rhogydd Quarry northeast of Porthmadog in North Wales, but similar wagons could be found in any Welsh slate quarry.

While the model features a 3D printed underframe you will need the following tools and materials to build the upper body:

- ☐ steel ruler
- ☐ modelling knife
- ☐ glue stick
- ☐ 0.12mm brass sheet
- ☐ tin snips or strong scissors
- ☐ Hold-and-Fold or similar
- ☐ Solder or Superglue

