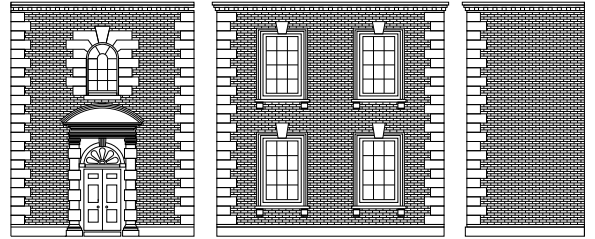


## Card modelling

### Setting out the elevations

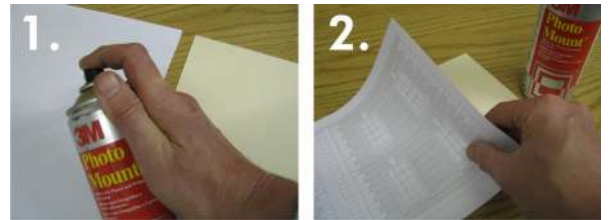
Firstly draw the different elements of your design that will make up the 3 dimensional model.

If these are drawn on a computer extra details can be easily added such as brick work, window frames and colours.



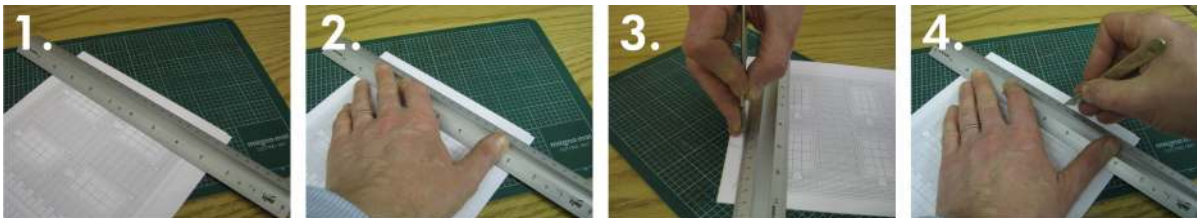
### Gluing Paper to card - Using spray mount as a contact adhesive

1. Spray 2 or 3 light even coats of spray mount onto the back of the paper and board and let the glue become touch dry.
2. Then apply the paper to the board working from one end smoothing out any trapped air.



### Cutting guide

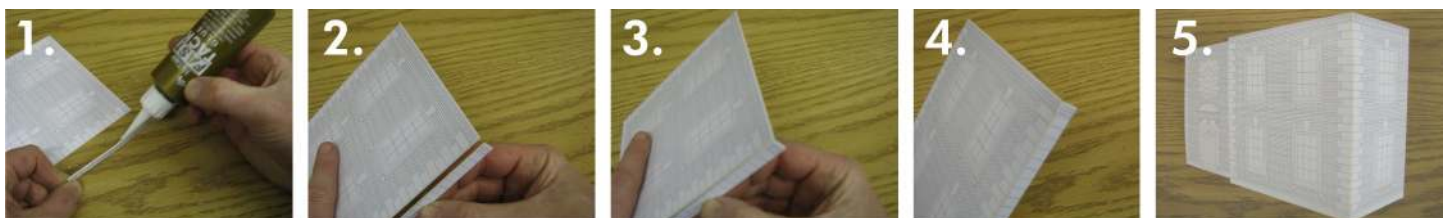
1. Place the card onto a cutting mat.
2. Stand up and place the ruler on top of the elevations so you are cutting on the waste side and hold the ruler firmly on the board keeping your fingers away from the cutting edge.
3. Hold the scalpel with a sharp new blade vertical and fairly upright so your cut leaves a right angle between the top surface and the cut edge.
4. Make a cut through the top layer of the board then repeat several times until you have cut all the way through the board.



Note: You will get a better cut and are much less likely to cut yourself using a sharp blade and by making gentle cuts rather than trying to cut all the way through in one go.

### Gluing card to card - Using PVA glue

1. Run a thin line of pva glue along one of the edges of the card
2. Carefully place the edges of the card together
3. Hold for about 15 seconds until the joint holds
4. Leave for about 15 minutes for the glue to set
5. Repeat until the model is complete



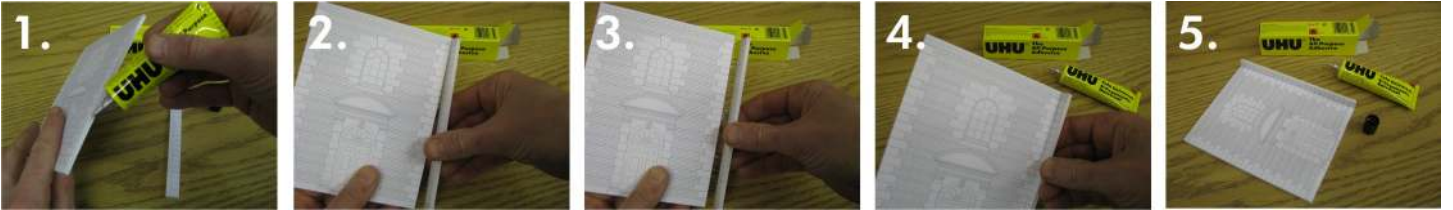
## Foamboard modelling

### Cutting out the elevations

Cut out the elevations as described in card modelling but take extra care to make sure the scalpel is held absolutely vertical so the edge is at a right angle to front face.

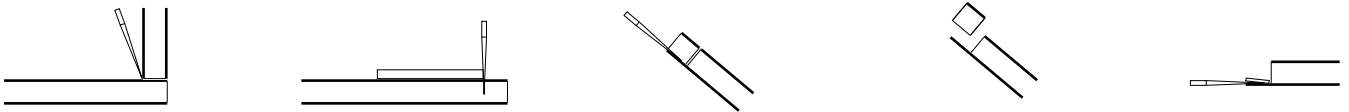
### Gluing foam board edge to edge - using UHU glue as a contact adhesive

1. Run the glue down one edge of the joint
2. Touch the glued edge onto the other edge and quickly pull apart.
3. Allow the glue to become touch dry on both sides
4. Firmly place the edges back together to form a strong joint.

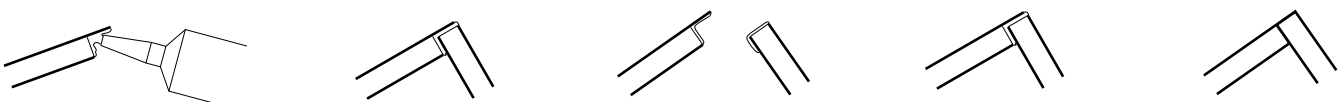


### Making a stronger and neater foam board edge joint

1. Using one of the foam board pieces as a guide mark the thickness of the foam board on the back of the other board
2. Holding the ruler firmly gently cut through the back surface of the card and the foam and not the front surface of the card
3. Gently run the scalpel along the inside edge of the front face of the card
4. Remove the cut piece
5. With the foam board on a flat surface run the scalpel along the back surface of the cut edge to remove the last bits of the foam.



1. Run the glue along the cut edges of the foam board that you removed the piece from
2. Put the foam board together as described earlier
3. Pull apart and allow to become touch dry
4. Put together and apply firm pressure to form a strong joint
5. This will give a stronger joint as there are two gluing surfaces and neater as the foam edge will be covered



## Adding card details

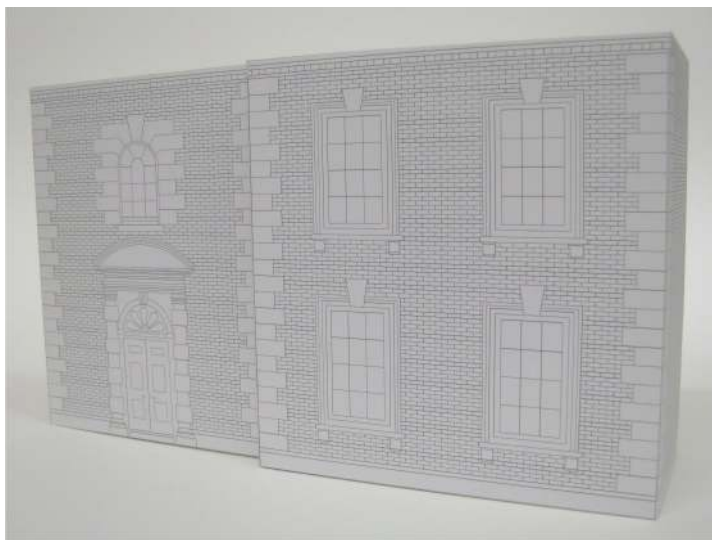
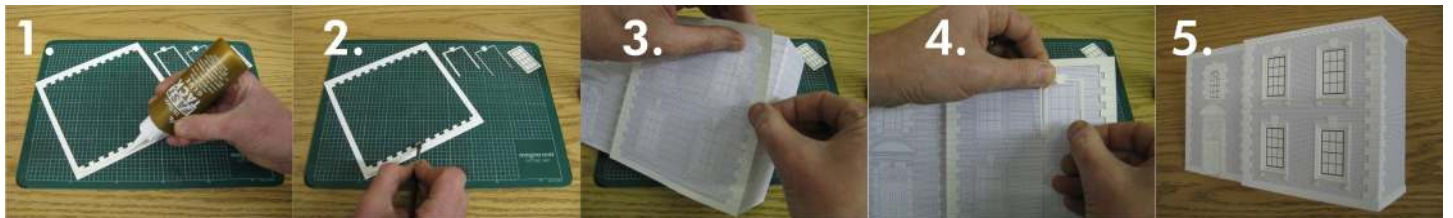
### Cutting out the details

Print details such as window frames and stonework onto thick paper or card  
Carefully cut out the details, always if possible cutting towards the waste side of the design  
Remove the waste card slowly making sure that the details have been completely cut out.



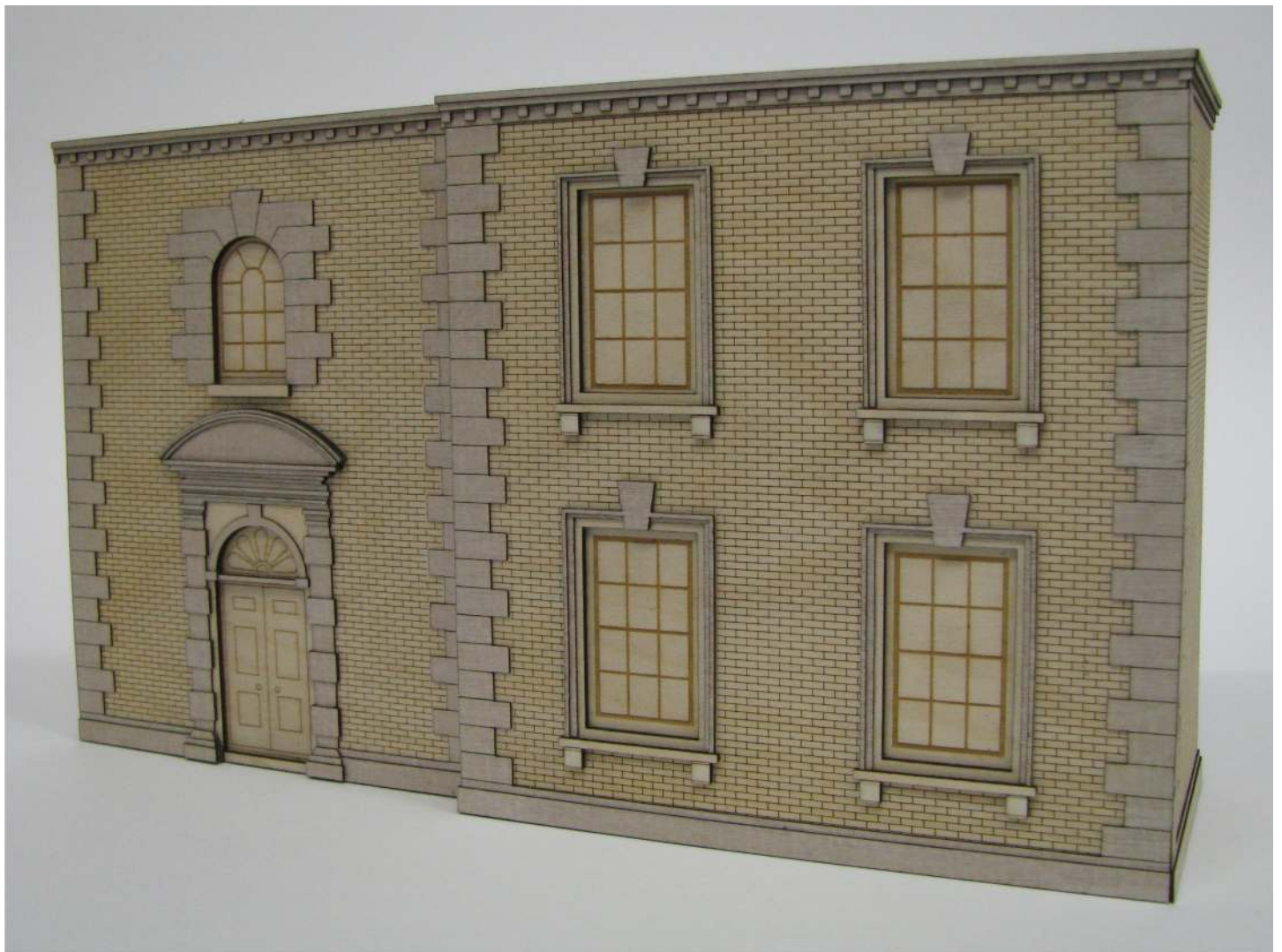
### Gluing the cards details onto the model

Run a line of PVA glue along the card  
Then with a paint brush paint the glue thinly and evenly over the back of the card detail  
Carefully put the card detail in place on the model and push down firmly when positioned correctly  
Repeat with the other details to build up a more detailed model



## Products used

- FB10008** Fine hair 5 paint brush
- AP00031** PVA glue 170ml
- AA00003** 3M St pray Moun400ml
- TM00003** A3 cutting mat green
- TR10019** Rule, clear & steel edge 30cm  
Metric and 5mm grid
- TK10015** Scalpel No4 & 5 x 26 blades
- RK11054** Card 1.4 x 594 x 841mm A1 white
- RK10067** Card 0.2 x 510 x 635mm white
- RF50024** WESTFOAM white 3.0mm A2



## building corners